



microphones

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WIRELESS SYSTEMS. VHF MICROPHONES

Wireless VHF microphone systems.

QUARTZ 6 CH
VHF 174-194 MHz



MSH-105



MSH-108



MSH-105 **N!**

MSH-108 **N!**

CHARACTERISTICS	Compact VHF receiver 174 to 194 MHz. Fixed to quartz frequency control. Volume control. Unbalanced output. Wireless hand-held microphone with high quality unidirectional dynamic capsule.	Compact VHF receiver 174 to 194 MHz. Fixed to quartz frequency control. Volume controls. Unbalanced output. Tie-clip microphone with unidirectional electret condenser capsule and wireless belt-pack transmitter.
RECEIVER/MICROPHONE	Fixed frequency channel 6 available channels	Fixed frequency channel 6 channels available
RESPONSE	80-12 000 Hz	80-12 000 Hz
OUTPUTS	1 unbalanced line, 6.3 mm jack 10 000 Ω 150 mV	1 unbalanced line, 6.3 mm jack 10 000 Ω 150 mV
POWER SUPPLY	Receiver: 12 - 18 V DC, 250 mA with adapter included Transmitters: 2 x LR6-AA batteries	Receiver: 12 -18 V DC, 250 mA with adapter included Transmitters: 2 x LR6-AA batteries
DIMENSIONS	Receiver: 210 x 48 x 140 mm depth	Receiver: 210 x 48 x 140 mm depth
WEIGHT	0.5 kg	0.4 kg
ACCESSORIES	6.3 mm mono jack cable	6.3 mm mono jack cable

**QUARTZ 11 CH
VHF 174-194 MHz**

MSH-110



MSH-135



MSH-211



MSH-236


MSH-110
MSH-135
MSH-211
MSH-236

CHARACTERISTICS	Compact VHF receiver 174 to 194 MHz. Fixed to quartz frequency control. Volume and squelch controls. Balanced and unbalanced output. Wireless hand-held microphone with high quality unidirectional dynamic capsule.	Compact VHF receiver 174 to 194 MHz. Fixed to quartz frequency control. Volume and squelch controls. Balanced and unbalanced output. Tie-clip microphone and headset with unidirectional electret condenser capsule and wireless belt-pack transmitter.	Compact VHF receiver 174 to 194 MHz. Fixed to quartz frequency control. Individual volume and squelch controls for each microphone. Individual outputs for microphone and mix. 2 hand-held wireless microphones with high quality unidirectional dynamic capsule.	Compact VHF receiver 174 to 194 MHz. Fixed to quartz frequency control. Individual volume and squelch controls for each microphone. Individual balanced outputs, 6.3 mm stereo jack, for each microphone and unbalanced output, 6.3 mixed mono jack. 4 unidirectional electret condenser microphones: 2 tie-clip and 2 headsets.
RECEIVER/MICROPHONE	Fixed frequency channel 11 channels available	Fixed frequency channel 11 channels available	Fixed frequency channel 11 channels available	Fixed frequency channel 11 channels available
RESPONSE	50-15,000 Hz	50-15 000 Hz	50-15,000 Hz	50-15,000 Hz
OUTPUTS	Audio: 1 balanced mic., XLR 600 Ω 20 mV 1 unbalanced line, 6.3 mm mono jack 10 000 Ω 100 mV	Audio: 1 balanced mic., XLR 600 Ω 20 mV 1 unbalanced line, 6.3 mm jack 10 000 Ω 100 mV	Audio: 2 balanced mic., 6.3 mm jack 600 Ω 20 mV 1 unbalanced line mixed signal, 6.3 mm jack 10 000 Ω 100 mV	Audio: 2 balanced mic., 6.3 mm jack 600 Ω 20 mV 1 unbalanced line mixed signal, 6.3 mm jack 10 000 Ω 100 mV
POWER SUPPLY	Receiver: 12 V DC with adapter included. Transmitters: 1 LR6-AA battery	Receiver: 12 V DC with adapter included Transmitters: 2 LR03-AAA batteries	Receiver: 12 V DC with adapter included Transmitters: 1 LR6-AA battery	Receiver: 12 V DC with adapter included Transmitters: 1 x 9V 6LR61 battery
DIMENSIONS	Receiver: 220 x 40 x 114 mm depth	Receiver: 220 x 40 x 114 mm depth	Receiver: 295 x 40 x 114 mm depth	Receptor: 295 x 40 x 114 mm depth
WEIGHT	0.7 kg	0.6 kg	1.1 kg	1 kg
ACCESSORIES	6.3 mm mono jack cable	6.3 mm mono jack cable	6.3 mm mono jack cable	6.3 mm mono jack cable

WIRELESS SYSTEMS. UHF MICROPHONES

True Diversity UHF wireless microphone systems.

PLL 40 CH
UHF 863-865 MHz



MSH-883

MSH-887

CHARACTERISTICS	True diversity receiver with tie-clip microphone with unidirectional electret condenser capsule and wireless belt-pack transmitter. Auto-scan function. Channel transmission to the microphone through IR. Dismountable aerials.	True Diversity receiver with hand-held wireless microphone with unidirectional electret condenser capsule. Auto-scan function. Infrared transmission from the channel to the microphone. Dismountable aerials.
RECEIVER / MICROPHONE	40 selectable PLL UHF 863-865 MHz channels	40 selectable PLL UHF 863-865 MHz channels
RESPONSE	40-18,000 Hz	40-18,000 Hz
OUTPUTS	Audio: 1 balanced, XLR 1 unbalanced, 6.3 mm jack	Audio: 1 balanced, XLR 1 unbalanced, 6.3 mm jack
S/N RATIO	> 105 dB	> 105 dB
MICROPHONES	MSHT-45P: 1 tie-clip microphone with unidirectional electret condenser capsule and wireless belt-pack transmitter with mic./line input sensitivity selector	MSHT-40M: 1 wireless hand-held microphone with unidirectional electret condenser capsule
POWER	10 mW maximum	10 mW maximum
POWER SUPPLY	Receiver: 12.8 V DC, 250 mA, with adapter included Microphone transmitter: 2 x LR6-AA batteries It accepts rechargeable batteries	Receiver: 12.8 V DC, 250 mA, with adapter included Transmitter microphone: 2 x LR6-AA batteries. Accepts rechargeable batteries.
DIMENSIONS	Receiver: 210 x 45 x 156 mm depth	Receiver: 210 x 45 x 156 mm depth
WEIGHT	1.7 kg	1.9 kg
ACCESSORIES	Mounts for assembly of 2 receivers in 1U 19" rack 6.3 mm mono jack cable Rechargeable batteries	Mounts for assembling in 2 receivers in 1 U 19" rack 6.3 mm mono jack cable Rechargeable batteries
OPTIONAL	MSC-2: Wireless microphone recharge docking station ANG-5L: Mounts for assembling in 19" rack	MSC-2: Wireless microphone recharge docking station ANG-5L: Mounts for assembling in 19" rack



ANG-5L

CHARACTERISTICS

Mount for assembling FONESTAR wireless systems models MSH-883 and MSH-887 in a 1 U 19" rack
Weight: 0.2 kg

PLL 40 CH
UHF 863-865 MHz



MSH-892

MSH-895

MSH-898

CHARACTERISTICS	True Diversity double receiver with 2 tie-clip microphones with unidirectional electret condenser capsule and 2 wireless belt-pack transmitters. Auto-scan function. Infrared transmission from the channel to the microphone. Dismountable aerials.	True Diversity double receiver with 2 wireless hand-held microphones with unidirectional electret condenser capsule. Auto-scan function. Infrared transmission from the channel to the microphone. Dismountable aerials.	True Diversity receiver with 1 hand-held wireless microphone with unidirectional electret condenser capsule and 1 tie-clip microphone with unidirectional electret condenser capsule and wireless belt-pack transmitter. Auto-scan function. Infrared transmission from the channel to the microphone. Dismountable aerials.
RECEIVER / MICROPHONE	40 selectable PLL UHF 863-865 MHz channels	40 selectable PLL UHF 863-865 MHz channels	40 selectable PLL UHF 863-865 MHz channels
RESPONSE	40-18,000 Hz	40-18,000 Hz	40-18,000 Hz
OUTPUTS	Audio: 2 balanced, XLR 2 unbalanced, 6.3 mm jack 1 unbalanced line mixed signal, 6.3 mm jack	Audio: 2 balanced, XLR 2 unbalanced, 6.3 mm jack 1 unbalanced line mixed signal, 6.3 mm jack	Audio: 2 balanced, XLR 2 unbalanced, 6.3 mm jack 1 unbalanced line mixed signal, 6.3 mm jack
S/N RATIO	> 105 dB	> 105 dB	> 105 dB
MICROPHONES	MSHT-45P: 2 tie-clip microphones with unidirectional electret condenser capsule and wireless belt-pack transmitter	MSHT-40M: 2 wireless hand-held microphones with unidirectional electret condenser capsule	MSHT-40M: 1 wireless hand-held microphone with unidirectional electret condenser capsule MSHT-45P: 1 tie-clip microphone with unidirectional electret condenser capsule and wireless belt-pack transmitter
POWER	10 mW maximum	10 mW maximum	10 mW maximum
POWER SUPPLY	Receiver: 12.8 V DC, 450 mA, with adapter included Microphone transmitter: 2 x LR6-AA batteries. Accepts rechargeable batteries.	Receiver: 12.8 V DC, 450 mA, with adapter included Transmitter microphone: 2 LR6-AA batteries. Accepts rechargeable batteries.	Receiver: 12.8 V DC, 450 mA, with adapter included Transmitter microphone: 2 LR6-AA batteries. Accepts rechargeable batteries.
DIMENSIONS	Receiver: 420 x 45 x 187 mm depth	Receiver: 420 x 45 x 187 mm depth	Receiver: 420 x 45 x 187 mm depth
WEIGHT	3.1 kg	3.5 kg	3.3 kg
ACCESSORIES	Mounts for assembly in 1U 19" rack 2 x 6.3 mm mono jack cables Rechargeable batteries	Mounts for assembly in 1U 19" rack 2 x 6.3 mm mono jack cable Rechargeable batteries	Mounts for assembly in 1U 19" rack 2 x 6.3 mm mono jack cables Rechargeable batteries
OPTIONAL	MSC-2: Wireless microphone recharge docking station	MSC-2: Wireless microphone recharge docking station	MSC-2: Wireless microphone recharge docking station

WIRELESS SYSTEMS. UHF MICROPHONES

True Diversity UHF wireless microphone systems.

PLL 40 CH
UHF 863-865 MHz



	MSHT-40M	MSHT-45P	MSHT-42S	MSHT-43C	MSHT-44X
CHARACTERISTICS	Wireless hand-held microphone with unidirectional electret condenser capsule and transmitter with 40 selectable PLL UHF 863-865 MHz channels. For replacements or increasing the wireless FONESTAR systems models MSH-887, MSH-895 and MSH-898.	Tie-clip microphone with unidirectional electret condenser capsule and wireless belt-pack transmitter. Input sensitivity selector: mic./line. For replacements or to extend wireless FONESTAR systems, mods. MSH-883, MSH-892, MSH-898 and TPRI-845.	Wireless desktop microphone with unidirectional electret condenser capsule and transmitter with 40 selectable PLL UHF 863-865 MHz channels. For using with the FONESTAR wireless systems, models MSH-883, MSH-887, MSH-892, MSH-895 and MSH-898	Wireless hands-free microphone headset with unidirectional electret condenser capsule and transmitter with 40 selectable PLL UHF 863-865 MHz channels. To be used with the wireless FONESTAR systems models MSH-883, MSH-887, MSH-892, MSH-895 and MSH-898.	Wireless XLR transmitter with 40 selectable PLL UHF 863-865 MHz channels. It allows you to use a microphone as wireless. For using with the wireless FONESTAR systems models MSH-883, MSH-887, MSH-892, MSH-895 and MSH-898.
POWER SUPPLY	2 LR6-AA batteries. Accepts rechargeable batteries; recharge function incorporated	2 x LR6-AA batteries. Accepts rechargeable batteries. Recharge function incorporated	2 LR-03AAA batteries. Accepts rechargeable batteries, recharge function incorporated with mini USB connector	1 LR03-AAA battery	1 LR03-AAA battery
DIMENSIONS	257 x 52 mm Ø	64 x 108 x 24 mm depth	465 mm total height with 425 mm gooseneck and 100 x 32 x 127 mm depth base	-	25 x 125 x 25 mm depth
WEIGHT	0.4 kg	0.1 kg	0.7 kg	0.1 kg	0.1 kg
ACCESSORIES	Rechargeable batteries	Windshield Tie-clip Rechargeable batteries	Windshield Aerial Rechargeable batteries	Windshield Battery	Battery
OPTIONAL	MSC-2: wireless microphone docking station	MSC-2: Wireless microphone recharge docking station	-	-	-

PLL 40 CH
UHF 863-865 MHz



MSHR-45



MSHR-46D

CHARACTERISTICS	True Diversity receiver with 40 selectable PLL UHF 863-865 MHz channels. Auto-scan function. Infrared transmission from the channel to the microphone. Dismountable aerials. For replacements or for increasing the wireless FONESTAR systems models MSH-883 and MSH-887.	True Diversity double receiver, 40 selectable PLL UHF 863-865 MHz channels. Auto-scan function. Infrared transmission from the channel to the microphone. Dismountable aerials. For replacements or for increasing the FONESTAR wireless systems models MSH-892, MSH-895 and MSH-898
OUTPUTS	Audio: 1 balanced, XLR 1 unbalanced, 6.3 mm jack	Audio: 2 balanced, XLR 2 unbalanced, 6.3 mm jack 1 unbalanced line mixed signal, 6.3 mm jack
POWER SUPPLY	Receiver: 12.8 V DC, 250 mA, with adapter included	Receiver: 12.8 V DC, 450 mA, with adapter included
DIMENSIONS	210 x 45 x 156 mm depth	420 x 45 x 187 mm depth
WEIGHT	1.5 kg	2.7 kg
ACCESSORIES	Mounts for assembling 2 receivers in 1 U 19" rack 6.3 mm mono jack cable	Mounts for assembling in 1 U 19" rack 6.3 mm mono jack cable
OPTIONAL	ANG-5L: Mounts for assembling in 19" rack	-

MSC-2

CHARACTERISTICS	Wireless microphone recharge docking station. It allows you to recharge the rechargeable batteries from the models: MSHT-40M, MSHT-45P and RI-840.	Wireless in ear monitor microphone system recharge docking station. For recharging 12 microphones or receivers simultaneously. For recharging the rechargeable batteries in the models: MSHT-40M, MSHT-45P and RI-840.
INDICATORS	LED power indicator LED charging in process indicator LED charge complete indicator	LED power indicator. LED charge process indicator. LED charge complete indicator.
POWER SUPPLY	12.8 V DC, 600 mA, with adapter included	12 V DC, 3 A, with adapter included
DIMENSIONS	170 x 90 x 90 mm depth	355 x 69 x 202 mm depth



MSC-2



MSC-12

WIRELESS SYSTEMS. UHF MICROPHONES

Diversity systems to ensure optimum reception of the RF signal.

PLL 40 CH
UHF 863-865 MHz



MSH-823



MSH-828



MSH-823/MSH-828



MSH-823

CHARACTERISTICS	Diversity receiver with tie-clip microphone with unidirectional electret condenser capsule and wireless belt-pack transmitter. Dismountable aerials.
RECEIVER/MICROPHONE	10 selectable PLL UHF 863-865 MHz channels
RESPONSE	80-15,000 Hz ± 3 dB
OUTPUTS	Audio: 1 balanced, XLR 1 unbalanced, 6.3 mm jack
S/N RATIO	> 80 dB
MICROPHONES	MSHT-33: Tie-clip microphone with unidirectional electret condenser capsule and wireless belt-pack transmitter
POWER	10 mW maximum
POWER SUPPLY	Receiver: 15 V DC, 500 mA with adapter included Transmitter microphone: 2 x LR6-AA 1.5 V alkaline batteries
DIMENSIONS	Receiver: 210 x 44 x 235 mm depth. 1 U 19" rack
WEIGHT	1.1 kg
ACCESSORIES	6.3 mm mono jack cable Batteries
OPTIONAL	ANG-4L: mounts for assembling 1 receiver in a 1U 19" rack ANG-17L: mounts for assembling 2 receivers in a 1U 19" rack

MSH-828

CHARACTERISTICS	Diversity receiver with wireless hand-held microphone with unidirectional electret condenser capsule. Dismountable aerials.
RECEIVER/MICROPHONE	10 selectable PLL UHF 863-865 MHz channels
RESPONSE	80-15,000 Hz ± 3 dB
OUTPUTS	Audio: 1 balanced, XLR 1 unbalanced, 6.3 mm jack
S/N RATIO	> 80 dB
MICROPHONES	MSHT-34: wireless hand-held microphone with unidirectional electret condenser capsule and metal body, soft rubber finish
POWER	10 mW maximum
POWER SUPPLY	Receiver: 15 V DC, 500 mA with adapter included Microphone transmitter: 1 6LR61/6FL22 9 V battery
DIMENSIONS	Receiver: 420 x 45 x 187 mm depth
WEIGHT	1.1 kg
ACCESSORIES	6.3 mm mono jack cable Battery
OPTIONAL	ANG-4L: mounts for mounting 1 receiver in a 1 U 19" rack ANG-17L: mounts for mounting 2 receivers in a 1 U 19" rack

Accessories for wireless UHF microphone systems.

PLL 40 CH
UHF 863-865 MHz

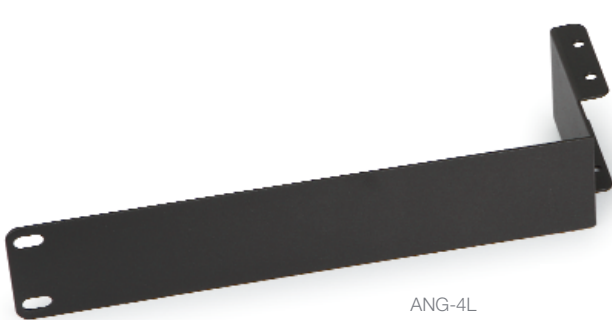


MSHT-33

CHARACTERISTICS	Tie-clip microphone with unidirectional electret condenser and wireless PLL belt-pack transmitter with 10 UHF 863-865 MHz channels For replacements or for increasing the FONESTAR wireless systems models MSH-823 and MSH-828
WEIGHT	0.1 kg
ACCESSORIES	Windshield Tie-clip

MSHT-34

CHARACTERISTICS	Wireless hand-held microphone with unidirectional electret condenser capsule and 10-channel PLL transmitter in UHF 863-865 MHz. Metal body, soft rubber finish. For replacements or to increase the wireless FONESTAR systems mods. MSH-823 and MSH-828.
WEIGHT	0.4 kg
ACCESSORIES	-



ANG-4L



ANG-17L

ANG-4L

CHARACTERISTICS	Mounts for assembly in 1U 19" rack for 1 FONESTAR receiver, models MSH-823 or MSH-828.
WEIGHT	0.3 kg
ACCESSORIES	Nuts and bolts for assembly in rack.

ANG-17L

CHARACTERISTICS	Mounts for assembly in 1 U 19" rack for 2 FONESTAR receivers, models MSH-823 or MSH-828.
WEIGHT	0.2 kg
ACCESSORIES	Nuts and bolts for assembly in rack

WIRELESS SYSTEMS. UHF MICROPHONES

UHF wireless microphone systems.

PLL 40 CH
UHF 863-865 MHz



	MSH-814	MSH-816
CHARACTERISTICS	Compact receiver with tie-clip microphone with unidirectional electret condenser capsule and wireless belt-pack transmitter.	Compact receiver with wireless hand-held microphone with unidirectional dynamic capsule.
RECEIVER/MICROPHONE	16 selectable PLL UHF 863-865 MHz channels	16 selectable PLL UHF 863-865 MHz channels
RESPONSE	50-15,000 Hz $\pm$ 3 dB	50-15,000 Hz $\pm$ 3 dB
OUTPUTS	Audio: 1 unbalanced, 6.3 mm mono jack	Audio: 1 unbalanced, 6.3 mm mono jack
S/N RATIO	> 100 dB	> 100 dB
POWER	10 mW maximum	10 mW maximum
POWER SUPPLY	Receiver: 12 V DC, 200 mA with adapter included Transmitter microphone: 2 x LR6-AA batteries	Receiver: 12 V DC, 200 mA with adapter included Transmitter microphone: 2 x LR6-AA batteries
DIMENSIONS	Receiver: 170 x 33 x 120 mm depth	Receiver: 170 x 33 x 120 mm depth
WEIGHT	0.3 kg	0.4 kg
ACCESSORIES	6.3 mm mono jack cable Batteries	6.3 mm mono jack cable Batteries

Compact receiver and wireless transmitter for guitars.



MSH-801G

CHARACTERISTICS	Compact receiver and wireless transmitter for guitars. Channel to transmitter through IR transmission. Especially suitable for guitars.
RECEIVER/TRANSMITTER	40 selectable PLL UHF 863-865 MHz channels
RESPONSE	50-16 000 Hz
INPUTS	Transmitter: Audio: 1 unbalanced, 6.3 mm jack, for guitars
OUTPUT	Receiver: Audio: 1 unbalanced, 6.3 mm jack
CONTROLS	Transmitter: gain control and 15 dB attenuation, selectable Receiver: volume control and 10 dB attenuation, selectable Configuration display
S/N RATIO	> 105 dB
POWER	5 mW maximum
POWER SUPPLY	Receiver: 3 V DC, 450 mA with adapter included or 2 x LR6-AA batteries. Accepts rechargeable batteries. Charge function for the rechargeable battery in the transmitter, in the receiver Transmitter: 1 x LR03-AAA battery. Accepts rechargeable batteries.
DIMENSIONS	Receiver: 77 x 123 x 40 mm depth Transmitter: 26 x 85 x 65 mm depth
WEIGHT	Receiver: 0.2 kg Transmitter: 50 g
ACCESSORIES	6.3 mm mono jack cable Rechargeable battery for transmitter

Aerial divider for 4 UHF wireless system receivers. It improves the aerial signal reception if the receivers are in racks. It uses 2 front aerials to divide the aerial signal to 4 receivers. Just one AC/DC supplier can be used for 4 receivers, avoiding uncomfortable mountains of cable. Several dividers can be used in series.

DA-868

FREQUENCY	UHF 600-950 MHz
GAIN	3 dB $\pm$ 0.5 dB
INPUTS	Aerial: 2 inputs, female TNC 50 Ω With power supply for aerial amplifier, mod. AMP-800S, 8 V DC 80 mA Power supply: 1 input, 12 V DC 5 A
OUTPUTS	Aerial: 2 outputs in loop and 8 outputs for receivers, female 50 Ω TNC Power supply: 4 outputs for receivers, 12 V DC 1 A
DIMENSIONS	420 x 44 x 180 mm depth. 1x 19" U rack
WEIGHT	2.6 kg
ACCESSORIES	230 V AC adapter, 12 V DC 3 A Mounts for assembly in 1 U 19" rack and aerial installation on the front with female TNC - female TNC connectors 2 x 0.5m cables, male TNC - male TNC, to connect the aerial to the divider 4 power supply cables with male DC connector to male DC connector
OPTIONAL	AMP-811: aerial amplifier CAB-05M: aerial cable TNC male to TNC male, 0.5 m (2 cables per receiver are necessary)
COMPATIBILITY	For wireless FONESTAR systems, mods. MSHR-45, MSHR-46D, MSH-823 and MSH-828



UHF

Accessories for professional wireless UHF microphone systems.

AMP-811

CHARACTERISTICS	Aerial amplifier to improve the reception and increase the range of wireless microphones. Female TNC connectors
GAIN	10 dB
POWER SUPPLY	9 V DC supplied by the receiver model MSHR-45
DIMENSIONS	28 x 96 x 24 mm depth
WEIGHT	-
OPTIONAL	Aerial cable TNC, mods. CAB-05M or CAB-1M

ADU-830 [PO_4055]

CHARACTERISTICS	Directional UHF aerial to improve the reception and increase the range of wireless microphones. Female TNC connector. Mount with 5/8" standard thread for installing on a microphone stand or wall.
GAIN	14 dB
POWER SUPPLY	-
DIMENSIONS	265 x 25 x 305 mm depth
WEIGHT	0.3 kg
OPTIONAL	TNC aerial cable, mods. CAB-05M or CAB-1M



AMP-811



ADU-830



CAB-05M

CHARACTERISTICS	0.5 m aerial cable TNC male to TNC male for wireless FONESTAR system mods. DA-868, AMP-811, MSHR-45 and MSHR-46D.
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CAB-1M

CHARACTERISTICS	1 m aerial cable male TNC to male TNC for wireless FONESTAR system mods. DA-868, AMP-811, MSHR-45 and MSHR-46D.
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7264

Female TNC	Female TNC
Female -female TNC adapter for panel assembly	

WIRELESS SYSTEMS. UHF IN EAR PERSONAL MONITOR

Wireless UHF personal in ear diversity monitor systems.

PLL 16 CH
UHF 863-865 MHz



TSRI-801

Wireless personal monitor diversity system for transmitting the audio signal in the UHF 863-865 MHz band. Composed of a transmitter for desktops or for installing in a 1 U 19" rack (TSI-810) and wireless monitor in ear belt-pack receiver (RI-800) with silicone earphones. Stereo signal transmission with independent L and R channels or mono with L and R channel mix. 16 selectable PLL UHF 863-865 MHz channels. 8 transmitter/receiver systems used simultaneously in 8 different channels without interference. It is possible to use as many receivers (RI-800) as needed in one channel with each transmitter.

TRANSMITTER: TSI-810		RECEIVER: RI-800	
INPUTS	Audio: 2 balanced mics./ lines, combo (XLR and 6.3 mm jack) 20 mV and 775 mV, switchable	OUTPUTS	Audio: Stereo headphones 20 mW, 3.5 mm jack Stereo line level (rec.) 250 mV, 3.5 mm jack
OUTPUTS	Audio: 1 stereo line, 2 x 6.3 mm jack Stereo headphones, 6.3 mm jack	RESPONSE	Earphones: 100-10 000 Hz ±3 dB Line (rec.): 40-15 000 Hz ±3 dB
CONTROLS/ INDICATORS	Power switch on/off LED peak signal indicator Volume control: channel L and R, earphone output. Stereo/mono selector RF channel selector	CONTROLS/ INDICATORS	Power switch on/off LED indicator Volume control Charger input RF channel selector
RF POWER	10 mW maximum	POWER SUPPLY	3 V DC: 2 x 1.5 V LR6-AA batteries Rechargeable batteries accepted, recharge function incorporated
POWER SUPPLY	12 V DC, 500 mA with adapter included	DIMENSIONS	76 x 106 x 29 mm depth
DIMENSIONS	211 x 44 x 245 mm depth	WEIGHT	0.1 kg
WEIGHT	1.1 kg	ACCESSORIES	Silicone earphones, belt-clip, 1 m cable with 3.5 mm stereo jack connectors and cable for recharging batteries in belt-pack Rechargeable batteries
ACCESSORIES	Aerial, 2 x 1 m cables with 6.3 mm mono jack connectors and mounts for mounting 2 transmitters in a 1 U 19 " rack	OPTIONAL	AD-1010E: AC/DC adapter for recharging rechargeable batteries in the receiver itself.
OPTIONAL	ANG-2L: Mounts for mounting 1 transmitter in a 19" rack		

PLL 16 CH
UHF 863-865 MHz



MSHT-40M



RI-840

TMRI-844 **N!**

Wireless personal diversity monitor system for transmitting the audio signal in the UHF 863-865 MHz band.
Composed of a wireless hand-held microphone transmitter (MSHT-40M) and a wireless in ear monitor belt-pack receiver (RI-840) with silicone earphones.
40 selectable PLL UHF 863-865 MHz channels.
FM mono modulation
As many receivers (RI-840) as you need can be used with each transmitter in the same channel

TRANSMITTER: MSHT-40M		RECEIVER: RI-840	
CAPSULE	Unidirectional electret condenser	OUTPUTS	Headphones, 3.5 mm stereo jack
CONTROLS	On/off Gain control Display, configuration buttons and RF channel selection	RESPONSE	50-15 000 Hz
		CONTROLS	On/off Volume control Single (L) or double (L+R) output selector Configuration buttons and RF channel selection
RF POWER	10 mW maximum	POWER SUPPLY	2 x LR6-AA batteries. Accepts rechargeable batteries; recharge function incorporated
POWER	2 x LR6-AA batteries. Accepts rechargeable batteries; recharge function incorporated		
DIMENSIONS	257 x 52 mm Ø	DIMENSIONS	64 x 108 x 24 mm depth
WEIGHT	0.4 kg	WEIGHT	0.1 kg
ACCESSORIES	Rechargeable batteries	ACCESSORIES	Silicone earphones Belt clip Rechargeable batteries
OPTIONAL	MSC-2: wireless microphone recharge docking station		
		OPTIONAL	MSC-2 and MSC-12: wireless microphone recharge docking station

WIRELESS SYSTEMS. UHF IN EAR PERSONAL MONITOR

Wireless UHF personal in ear diversity monitor systems.

PLL 16 CH
UHF 863-865 MHz



TPRI-845 **N!**

Wireless personal diversity monitor system for transmitting the audio signal in the UHF 863-865 MHz band. Composed of a tie-clip microphone with belt-pack transmitter (MSHT-45P) and a wireless in ear monitor belt-pack receiver (RI-840) with silicone earphones. 40 selectable PLL UHF 863-865 MHz channels. Mono FM modulation. As many receivers (RI-840) as you need can be used with each transmitter in the same channel

TRANSMITTER: MSHT-45P		RECEIVER: RI-840	
CAPSULE	Unidirectional electret condenser	OUTPUTS	Headphones, 3.5 mm stereo jack
CONTROLS	On/off switch Display with configuration menus Input sensitivity selector: microphone/line Volume	RESPONSE	50-15 000 Hz
		CONTROLS	On/off Volume control Single (L) or double (L+R) output selector Configuration buttons and RF channel selection
RF POWER	10 mW maximum	POWER SUPPLY	2 x LR6-AA batteries. Accepts rechargeable batteries; recharge function incorporated
POWER SUPPLY	2 x LR6-AA batteries. Accepts rechargeable batteries; recharge function incorporated		
DIMENSIONS	64 x 108 x 24 mm depth	DIMENSIONS	64 x 108 x 24 mm depth
WEIGHT	0.1 kg	WEIGHT	0.1 kg
ACCESSORIES	Windshield Tie-clip Rechargeable batteries	ACCESSORIES	Silicone earphones Belt clip Rechargeable batteries
OPTIONAL	MSC-2: wireless microphone recharge docking station	OPTIONAL	MSC-2 and MSC-12: wireless microphone recharge docking station

Accessories for wireless UHF personal in ear diversity monitor systems.



RI-840 **NI**

CHARACTERISTICS	Wireless in ear belt-pack monitor receiver with 40 selectable PLL UHF 863-865 MHz channels. Reception with mono FM modulation. For using with the FONESTAR wireless in-ear monitor system. Several receivers (RI-840) can be used in the same channel with one transmitter. For using with models MSHT-40M, MSHT-41P, MSHT-42S, MSHT-43C, MSHT-44X and MSHT-45P.
OUTPUTS	Earphones, 3.5 mm stereo jack
RESPONSE	50-15 000 Hz
CONTROLS	On/off Volume control Single (L) or double (L+R) output selector Configuration buttons and RF channel selection
POWER SUPPLY	2 x LR6-AA batteries. Accepts rechargeable batteries; recharge function incorporated
DIMENSIONS	64 x 108 x 24 mm depth
WEIGHT	0.1 kg
ACCESSORIES	Silicone earphones Belt clip Rechargeable batteries
OPTIONAL	MSC-2 and MSC-12: wireless microphone recharge docking station

ANG-2L

CHARACTERISTICS	Mounts to install the FONESTAR wireless system mod. TSRI-801 (TSI-810) in a 1 U 19" rack.
WEIGHT	0.2 kg



MICROPHONES FOR WIRELESS SYSTEMS. HEADSET

Hands-free microphone headsets for wireless systems or in electret condenser microphone inputs. Elegant design and discreet (flesh colour) in flexible stainless steel and easily malleable.



FCM-900



FCM-900-MC3



FCM-900-MC4

FCM-900

FCM-900-MC3

FCM-900-MC4

CHARACTERISTICS	Unidirectional electret condenser capsule, high quality with exceptionally low feedback and reduced dimensions. For wireless equipment or in electret condenser microphone inputs. Flesh colour. Adjustable size.		
RESPONSE	70-16 000 Hz	70-16 000 Hz	70-16 000 Hz
SENSITIVITY	-47 dB $\pm$ 3 dB (V/Pa)	-47 dB $\pm$ 3 dB (V/Pa)	-47 dB $\pm$ 3 dB (V/Pa)
IMPEDANCE	1400 Ω	1400 Ω	1400 Ω
POWER SUPPLY	1 to 10 V DC	1 to 10 V DC	1 to 10 V DC
CABLE	1 m	1 m	1 m
CONNECTORS	Flesh-coloured 90° 3.5 mm mono plug	Flesh-coloured mini XLR	Flesh-coloured mini 4-pin XLR
MATERIAL	Stainless steel, flexible and easily malleable	Stainless steel, flexible and easily malleable	Stainless steel, flexible and easily malleable
ACCESSORIES	Windshield	Windshield	Windshield
OPTIONAL	Special cables for wireless belt-pack transmitters by other brands. PLEASE ENQUIRE	Special cables for wireless belt-pack transmitters by other brands. Please enquire	Special cables for wireless belt-pack transmitters by other brands. PLEASE ENQUIRE
COMPATIBILITY	For wireless FONESTAR systems, mod. MSH-135 or wireless belt-pack transmitters, mod. MSHT-45P	For wireless FONESTAR belt-pack transmitters, mod. MSHT-33	For wireless FONESTAR systems, mods. MSH-236 and ASH-25



FCM-910



FCM-910-MC3



FCM-910-MC4

FCM-910

FCM-910-MC3

FCM-910-MC4

CHARACTERISTICS	Omnidirectional electret condenser capsule. High quality and reduced dimensions. For wireless equipment or electret condenser microphone inputs. Flesh colour. Adjustable size.		
RESPONSE	20-20 000 Hz	20-20 000 Hz	20-20 000 Hz
SENSITIVITY	-45 dB $\pm$ 3 dB (V/Pa)	-45 dB $\pm$ 3 dB (V/Pa)	-45 dB $\pm$ 3 dB (V/Pa)
IMPEDANCE	1100 Ω	1100 Ω	1100 Ω
POWER SUPPLY	1 to 10 V DC	1 to 10 V DC	1 to 10 V DC
CABLE	1 m	1 m	1 m
CONNECTORS	Flesh-coloured 90° 3.5 mm mono plug	Flesh-coloured mini XLR	Flesh-coloured mini 4-pin XLR
MATERIAL	Stainless steel, flexible and easily malleable	Stainless steel, flexible and easily malleable	Stainless steel, flexible and easily malleable
ACCESSORIES	Windshield	Windshield	Windshield
OPTIONAL	Special cables for wireless belt-pack transmitters by other brands. PLEASE ENQUIRE	Special cables for wireless belt-pack transmitters by other brands. Please enquire	Special cables for wireless belt-pack transmitters by other brands. PLEASE ENQUIRE
COMPATIBILITY	For wireless FONESTAR systems, mod. MSH-135 or wireless belt-pack transmitters, mod. MSHT-45P	For wireless FONESTAR belt-pack transmitters, mod. MSHT-33	For wireless FONESTAR systems, mods. MSH-236 and ASH-25

Hands-free microphone headset for wireless systems or in electret condenser microphone inputs.
Elegant design in unbendable stainless steel. Folding.



FCM-960N

FCM-960N



FCM-960N-MC3

FCM-960N-MC4

CHARACTERISTICS			
	Omnidirectional electret condenser capsule. For wireless equipment or electret condenser microphone inputs. Colour: Black. Adjustable and folding.		
RESPONSE	20-20 000 Hz	20-20 000 Hz	20-20 000 Hz
SENSITIVITY	-44 dB $\pm$ 3 dB (V/Pa)	-44 dB $\pm$ 3 dB (V/Pa)	-44 dB $\pm$ 3 dB (V/Pa)
IMPEDANCE	2200 Ω	2200 Ω	2200 Ω
POWER SUPPLY	1.5 V DC	1.5 V DC	1.5 V DC
CABLE	1 m	1 m	1 m
CONNECTORS	3.5 mm mono plug, black	Black mini XLR	Black min 4-pin XLR
MATERIAL	Stiff stainless steel	Stiff stainless steel	Stiff stainless steel
ACCESSORIES	Windshield	Windshield	Windshield
OPTIONAL	Special cables for wireless belt-pack transmitters by other brands. Please enquire	Special cables for wireless belt-pack transmitters by other brands. Please enquire	Special cables for wireless belt-pack transmitters by other brands. Please enquire
COMPATIBILITY	For wireless FONESTAR systems, mod. MSH-135 or wireless belt-pack transmitters, mod. MSHT-45P	For wireless FONESTAR belt-pack transmitter, mod. MSHT-33	For wireless FONESTAR systems, mods. MSH-236 and ASH-25



FCM-960

FCM-960



FCM-960-MC3

FCM-960-MC4

CHARACTERISTICS			
	Omnidirectional electret condenser capsule. For wireless equipment or electret condenser microphone inputs. Flesh colour. Adjustable and folding.		
RESPONSE	20-20 000 Hz	20-20 000 Hz	20-20 000 Hz
SENSITIVITY	-44 dB $\pm$ 3 dB (V/Pa)	-44 dB $\pm$ 3 dB (V/Pa)	-44 dB $\pm$ 3 dB (V/Pa)
IMPEDANCE	2200 Ω	2200 Ω	2200 Ω
POWER SUPPLY	1.5 V DC	1.5 V DC	1.5 V DC
CABLE	1 m	1 m	1 m
CONNECTORS	3.5 mm mono plug with thread. Flesh colour	Mini XLR, flesh colour	Mini XLR. 4 pins & flesh colour
MATERIAL	Stiff stainless steel	Stiff stainless steel	Stiff stainless steel
ACCESSORIES	Windshield	Windshield	Windshield
OPTIONAL	Special cables for wireless belt-pack transmitters by other brands. Please enquire	Special cables for wireless belt-pack transmitters by other brands. Please enquire	Special cables for wireless belt-pack transmitters by other brands. Please enquire
COMPATIBILITY	For wireless FONESTAR systems, mod. MSH-135 or wireless belt-pack transmitters, mod. MSHT-45P	For wireless FONESTAR belt-pack transmitter, mod. MSHT-33	For wireless FONESTAR systems, mods. MSH-236 and ASH-25



FCM-960-MC3



FCM-960-MC4

MICROPHONES FOR WIRELESS SYSTEMS. HEADSET

Hands-free microphone headset for wireless systems or electret condenser microphone inputs.
Elegant design and discreet (flesh colour) in flexible stainless steel and easily malleable.



FCM-930A

FCM-930A-MC3

FCM-930A-MC4

FCM-930A

FCM-930A-MC3

FCM-930A-MC4

CHARACTERISTICS		Unidirectional electret condenser capsule. For wireless equipment or electret condenser microphone inputs. Elegant and discreet design. Flesh colour. High quality capsule with very low feedback. Robust construction suitable for sporting activities, such as aerobics, step, etc.	
RESPONSE	70-16 000 Hz	70-16 000 Hz	70-16 000 Hz
SENSITIVITY	-47 dB ±3 dB (V/Pa)	-47 dB ±3 dB (V/Pa)	-47 dB ±3 dB (V/Pa)
IMPEDANCE	1400 Ω	1400 Ω	1400 Ω
POWER SUPPLY	1 to 10 V DC	1 to 10 V DC	1 to 10 V DC
CABLE	1 m	1 m	1 m
CONNECTORS	Flesh-coloured 90° 3.5 mm mono jack	Flesh-coloured mini XLR	Flesh-coloured mini 4-pin XLR
MATERIAL		Stainless steel, flexible and easily malleable	
ACCESSORIES	Windshield	Windshield	Windshield
OPTIONAL	Special cables for wireless belt-pack transmitters by other brands. Please enquire	Special cables for wireless belt-pack transmitters by other brands. Please enquire	Special cables for wireless belt-pack transmitters by other brands. Please enquire
COMPATIBILITY	For wireless FONESTAR systems, mod. MSH-135 or wireless belt-pack transmitters mod. MSHT-45P	For wireless FONESTAR belt-pack transmitter, mod. MSHT-33	For wireless FONESTAR systems, mods. MSH-236 and ASH-25



FCM-940A

FCM-940A-MC3

FCM-940A-MC4

FCM-940A

FCM-940A-MC3

FCM-940A-MC4

CHARACTERISTICS		Omnidirectional electret condenser capsule. For wireless equipment or electret condenser microphone inputs. Elegant and discreet design. Flesh colour. High quality capsule with very reduced dimensions. Robust construction suitable for sporting activities, such as aerobics, step, etc.	
RESPONSE	20-20 000 Hz	20-20 000 Hz	20-20 000 Hz
SENSITIVITY	-45 dB ±3 dB (V/Pa)	-45 dB ±3 dB (V/Pa)	-45 dB ±3 dB (V/Pa)
IMPEDANCE	1100 Ω	1100 Ω	1100 Ω
POWER SUPPLY	1 to 10 V DC	1 to 10 V DC	1 to 10 V DC
CABLE	1 m	1 m	1 m
CONNECTORS	Flesh-coloured 90° 3.5 mm mono plug	Flesh-coloured mini XLR	Flesh-coloured mini 4-pin XLR
MATERIAL		Stainless steel, flexible and easily malleable	
ACCESSORIES	Windshield	Windshield	Windshield
OPTIONAL	Special cables for wireless belt-pack transmitters by other brands. Please enquire	Special cables for wireless belt-pack transmitters by other brands. Please enquire	Special cables for wireless belt-pack transmitters by other brands. Please enquire
COMPATIBILITY	For wireless FONESTAR systems, mod. MSH-135 or wireless belt-pack transmitters mod. MSHT-45P	For wireless FONESTAR belt-pack transmitter, mod. MSHT-33	For wireless FONESTAR systems, mods. MSH-236 and ASH-25



FCM-920



FCM-920-MC3



FCM-920-MC3



FCM-920-MC4



FCM-920

FCM-920-MC4

CHARACTERISTICS	Omnidirectional electret condenser capsule. High quality and reduced dimensions. For wireless equipment or electret condenser microphone inputs. Flesh colour. Easily malleable.		
RESPONSE	20-20 000 Hz	20-20 000 Hz	20-20 000 Hz
SENSITIVITY	-45 dB $\pm$ 3 dB (V/Pa)	-45 dB $\pm$ 3 dB (V/Pa)	-45 dB $\pm$ 3 dB (V/Pa)
IMPEDANCE	1100 Ω	1100 Ω	1100 Ω
POWER SUPPLY	1 to 10 V DC	1 to 10 V DC	1 to 10 V DC
CABLE	1 m	1 m	1 m
CONNECTORS	Flesh-coloured 90° 3.5 mm mono plug	Flesh-coloured mini XLR	Flesh-coloured mini 4-pin XLR
MATERIAL	Stainless steel, flexible and easily malleable	Stainless steel, flexible and easily malleable	Stainless steel, flexible and easily malleable
ACCESSORIES	Windshield	Windshield	Windshield
OPTIONAL	Special cables for wireless belt-pack transmitters by other brands. Please enquire	Special cables for wireless belt-pack transmitters by other brands. Please enquire	Special cables for wireless belt-pack transmitters by other brands. PLEASE ENQUIRE
COMPATIBILITY	For wireless FONESTAR systems, mod. MSH-135 or wireless belt-pack transmitters, mod. MSHT-45P	For wireless FONESTAR belt-pack transmitters, mod. MSHT-33	For wireless FONESTAR systems, mods. MSH-236 and ASH-25

Hands-free microphone headset for wireless systems or electret condenser microphone inputs.
Design with reduced dimensions, with short rod in flexible stainless steel and easily malleable.



FCM-950



FCM-950-MC3



FCM-950-MC3



FCM-950-MC4


FCM-950 **NI**

FCM-950-MC4 **NI**

CHARACTERISTICS	High quality omnidirectional electret condenser capsule with specially reduced dimensions. For wireless equipment or in electret condenser microphone inputs. Flesh colour. Short rod.		
RESPONSE	50-18 000 Hz	50-18 000 Hz	50-18 000 Hz
SENSITIVITY	-40 dB $\pm$ 3 dB (V/Pa)	-40 dB $\pm$ 3 dB (V/Pa)	-40 dB $\pm$ 3 dB (V/Pa)
IMPEDANCE	1500 Ω	1500 Ω	1500 Ω
POWER SUPPLY	1 to 10 V DC	1 to 10 V DC	1 to 10 V DC
CABLE	1.3 m	1.3 m	1.3 m
CONNECTORS	90° 3.5 mm mono jack, flesh colour	Mini XLR, flesh colour	4-pin mini XLR, flesh colour
MATERIAL	Stainless steel, flexible and easily malleable	Stainless steel, flexible and easily malleable	Stainless steel, flexible and easily malleable
ACCESSORIES	Windshield	Windshield	Windshield
OPTIONAL	Special cables for wireless belt-pack transmitters for other brands. Please enquire.	Special cables for wireless belt-pack transmitters for other brands. Please enquire.	Special cables for wireless belt-pack transmitters for other brands. Please enquire.
COMPATIBILITY	For FONESTAR wireless system mod. MSH-135 or wireless belt-pack transmitter mod. MSHT-45P	For FONESTAR wireless belt-pack transmitter mod. MSHT-33	For FONESTAR wireless systems mods. MSH-236 and ASH-25

MICROPHONES FOR WIRELESS SYSTEMS. HEADSET

Hands-free microphone headsets for wireless systems or microphone inputs.



FDM-621

FDM-621MC



HM-12

HM-12MC

CHARACTERISTICS	Hands-free unidirectional dynamic microphone headset. For wireless FONESTAR equipment or microphone inputs.		Electret condenser hands-free microphone headset. For wireless FONESTAR equipment or electret condenser microphone inputs.	
CAPSULE	Unidirectional dynamic		Unidirectional electret condenser	
RESPONSE	50-16 000 Hz	50-16 000 Hz	50-15 000 Hz	50-15 000 Hz
SENSITIVITY	-63 dB (V/Pa)	-63 dB (V/Pa)	-50 dB (V/Pa)	-50 dB (V/Pa)
IMPEDANCE	200-600 Ω	200-600 Ω	1000 Ω	1000 Ω
POWER SUPPLY	-	-	1.5 to 8 V DC	1.5 to 8 V DC
CABLE	1 m	1 m	1 m	1 m
CONNECTORS	90° 3.5 mm stereo plug	Mini 4-pin XLR	3.5 mm stereo plug with female thread	Mini 4-pin XLR
ACCESSORIES	Windshield	Windshield	Windshield	Windshield
COMPATIBILITY	For the FAP-5 personal amplification system, wireless FONESTAR system, mod. MSH-135 and wireless belt-pack transmitters mod. MSHT-45P		For wireless FONESTAR system mods. ASH-26GU, ASH-36GU, ASH-52GU, ASH-102U and ASH-202U	



FCM-611

FCM-611MC



FCM-612

FCM-612MC

CHARACTERISTICS	Hands-free unidirectional electret condenser microphone headset. For FONESTAR wireless systems or electret condenser microphone inputs.		Hands-free unidirectional electret condenser microphone headset. For FONESTAR wireless systems or electret condenser microphone inputs. Good and comfortable grip. Highly resistant. Capsule with suspension.	
CAPSULE	Unidirectional electret condenser		Unidirectional electret condenser	
RESPONSE	50-15 000 Hz	50-15 000 Hz	80-12 000 Hz	80-12000 Hz
SENSITIVITY	-45 dB (V/Pa)	-45 dB (V/Pa)	-48 dB (V/Pa)	-48 dB (V/Pa)
IMPEDANCE	1000 Ω	1000 Ω	600 Ω	600 Ω
POWER SUPPLY	1.5 to 8 V DC	1.5 to 8 V DC	1.5 to 8 V DC	1.5 to 8 V DC
CABLE	1 m	1 m	1.2 m	1.2 m
CONNECTORS	90° 3.5 mm stereo plug	Mini 4-pin XLR	90° 3.5 mm stereo plug	Mini 4-pin XLR
ACCESSORIES	Windshield	Windshield	Windshield	Windshield
COMPATIBILITY	For FONESTAR wireless system mod. MSH-135 or wireless belt-pack transmitters mod. MSHT-45P		For wireless FONESTAR systems mod. MSH-135 and wireless belt-pack transmitters mod. MSHT-45P	

Hands-free unidirectional electret condenser microphone headset.



FCM-613

CHARACTERISTICS	Hands-free unidirectional electret condenser microphone headset. For wireless FONESTAR equipment or in electret condenser microphone inputs.
CAPSULE	Unidirectional electret condenser
RESPONSE	50-16 000 Hz
SENSITIVITY	-42 dB (V/Pa)
IMPEDANCE	2200 Ω
POWER SUPPLY	1 to 10 V DC
CABLE	1 m
CONNECTORS	3.5 mm mono plug with male thread
ACCESSORIES	Windshield
COMPATIBILITY	For the FONESTAR wireless system mod. MSH-814

Unidirectional electret condenser microphone headset.

Suitable for sporting activities. Robust construction. Lightweight and adaptable.



FCM-615

FCM-615-MC3

FCM-615-MC4

CHARACTERISTICS	Unidirectional electret condenser microphone headset. For wireless equipment or electret condenser microphone inputs. Robust construction. Lightweight and adaptable.		
CAPSULE	Unidirectional electret condenser	Unidirectional electret condenser	Unidirectional electret condenser
RESPONSE	100-14 000 Hz	100-14 000 Hz	100-14 000 Hz
SENSITIVITY	-46 dB $\pm$ 3 dB (V/Pa)	-46 dB $\pm$ 3 dB (V/Pa)	-46 dB $\pm$ 3 dB (V/Pa)
IMPEDANCE	600 Ω	600 Ω	600 Ω
POWER SUPPLY	1.5 to 10 V DC	1.5 to 10 V DC	1.5 to 10 V DC
CABLE	1.4 m	1.4 m	1.4 m
CONNECTORS	3.5 mm mono plug	Mini XLR	Mini 4-pin XLR
ACCESSORIES	Windshield	Windshield	Windshield
COMPATIBILITY	For FONESTAR wireless system mod. MSH-135 or wireless belt-pack transmitters, mod. MSHT-45P	For FONESTAR wireless belt-pack transmitters mod. MSHT-33	For FONESTAR wireless systems mods. MSH-236 and ASH-25

MICROPHONES FOR WIRELESS SYSTEMS. HEADSET

Waterproof unidirectional electret condenser microphone headsets. Suitable for sporting activities and outdoor use. Robust construction. Lightweight and adaptable.



FCM-616



FCM-616-MC3



FCM-616-MC4



FCM-616

FCM-616-MC3

FCM-616-MC4

CHARACTERISTICS		Waterproof unidirectional electret condenser microphone headset. For wireless equipment or electret condenser microphone inputs. High quality waterproof and sweat resistant capsule. Robust construction. Lightweight and adaptable.	
CAPSULE	Unidirectional electret condenser	Unidirectional electret condenser	Unidirectional electret condenser
RESPONSE	100-14 000 Hz	100-14 000 Hz	100-14 000 Hz
SENSITIVITY	-42 dB ± 3 dB (V/Pa)	-42 dB ± 3 dB (V/Pa)	-42 dB ± 3 dB (V/Pa)
IMPEDANCE	600 Ω	600 Ω	600Ω#8486;
POWER SUPPLY	1 to 10 V DC	1 to 10 V DC	1 to 10 V DC
CABLE	1.25 m	1.25 m	1.25 m
CONNECTORS	90° 3.5 mm mono plug	Mini XLR	Mini 4-pin XLR
ACCESSORIES	Travel bag and windshield	Travel bag and windshield	Travel bag and windshield
COMPATIBILITY	For the wireless FONESTAR system mod. MSH-135 or wireless belt-pack transmitters mod. MSHT-45P	For wireless belt-pack FONESTAR transmitter mod. MSHT-33	For FONESTAR wireless systems models MSH-236 and ASH-25

MICROPHONES FOR WIRELESS SYSTEMS. TIE-CLIP

Tie-clip microphones for wireless systems with miniature unidirectional electret condenser capsule. Highly sensitive with exceptionally low feedback.



FCM-16



FCM-16MC

FCM-16

FCM-16MC

CHARACTERISTICS		Unidirectional electret condenser microphone with clip for lapel or tie. For FONESTAR wireless equipment or electret condenser microphone inputs.	
CAPSULE	Unidirectional electret condenser	Unidirectional electret condenser	Unidirectional electret condenser
RESPONSE	50-15 000 Hz	50-15 000 Hz	50-15 000 Hz
SENSITIVITY	-48 dB (V/Pa)	-48 dB (V/Pa)	-48 dB (V/Pa)
IMPEDANCE	1000 Ω	1000 Ω	1000 Ω
POWER SUPPLY	1.5 to 8 V DC	1.5 to 8 V DC	1.5 to 8 V DC
CABLE	1 m	1 m	1 m
CONNECTORS	90° 3.5 mm stereo plug	Mini 4-pin XLR	Mini 4-pin XLR
ACCESSORIES	Tie-clip and windshield	Tie-clip and Windshield	Tie-clip and Windshield
COMPATIBILITY	For wireless FONESTAR systems, mod. MSH-135 or wireless belt-pack transmitter mod. MSHT-45P	For FONESTAR wireless systems, mods. MSH-236 and ASH-25	For FONESTAR wireless systems, mods. MSH-236 and ASH-25

Tie-clip microphones for wireless systems with miniature unidirectional electret condenser capsule. Highly sensitive and wide frequency response for reproducing natural sounds.



CHARACTERISTICS	Professional tie-clip microphone with clip. Miniature high quality and low feedback capsule. For wireless FONESTAR equipment or in electret condenser microphone inputs.		
CAPSULE	Unidirectional electret condenser		
RESPONSE	100-12 000 Hz		
SENSITIVITY	-44 dB ±3 dB (V/Pa)		
IMPEDANCE	1600 Ω		
POWER SUPPLY	1 to 10 V DC		
CABLE	1.5 m thin and extra-flexible cable		
CONNECTORS	90° 3.5 mm mono plug	Mini XLR	Mini 4-pin XLR
ACCESSORIES	Protective case, tie-clip and windshield grille		
OPTIONAL	Special cables for wireless belt-pack transmitters by other brands. PLEASE ENQUIRE		
COMPATIBILITY	For wireless FONESTAR system, mod. MSH-135 or wireless belt-pack transmitters mod. MSHT-45P	For wireless FONESTAR belt-pack transmitter, mod. MSHT-33	For wireless FONESTAR systems, mods. MSH-236 and ASH-25



CHARACTERISTICS	Professional tie-clip microphone with clip. Miniature high quality and wide frequency response capsule. For wireless FONESTAR equipment or in electret condenser microphone inputs.		
CAPSULE	Omnidirectional electret condenser		
RESPONSE	30-20 000 Hz		
SENSITIVITY	-43 dB ±3 dB (V/Pa)		
IMPEDANCE	1600 Ω		
POWER SUPPLY	1 to 10 V DC		
CABLE	1.5 m thin and extra-flexible cable		
CONNECTORS	90° 3.5 mm mono plug	Mini XLR	Mini 4-pin XLR
ACCESSORIES	Protective case, tie-clip and windshield grille		
OPTIONAL	Special cables for wireless belt-pack transmitters by other brands. PLEASE ENQUIRE		
COMPATIBILITY	For wireless FONESTAR system, mod. MSH-135 or wireless belt-pack transmitters mod. MSHT-45P	For wireless FONESTAR belt-pack transmitter, mod. MSHT-33	For wireless FONESTAR systems, mods. MSH-236 and ASH-25



DYNAMIC MICROPHONES. HAND-HELD

Dynamic hand-held microphones for general and professional use.



FDM-281

FDM-1020

FDM-1050

FDM-1035
FDM-1035-B

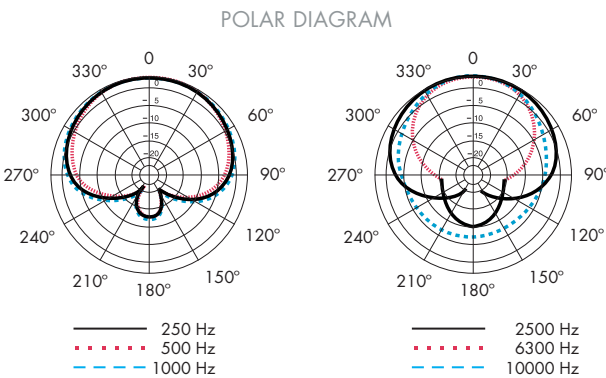
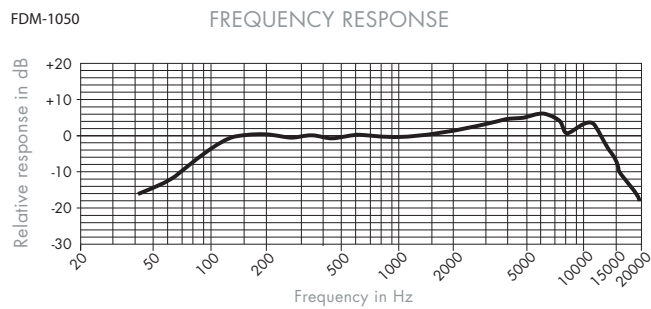


FDM-1036
FDM-1036-B



CAPSULE	Unidirectional dynamic	Unidirectional dynamic	Unidirectional dynamic	Cardioid unidirectional dynamic		Cardioid unidirectional dynamic	
RESPONSE	100-10 000 Hz	80-12 500 Hz	70-14 000 Hz	40-15 000 Hz		40-15 000 Hz	
SENSITIVITY	-58 dB (V/Pa) at 1 kHz	-54 dB (V/Pa) at 1 kHz	-54 dB (V/Pa) at 1 kHz	-56 dB (V/Pa) at 1 kHz		-56 dB (V/Pa) at 1 kHz	
IMPEDANCE	600 Ω	600 Ω	600 Ω	310 Ω		600 Ω	
POWER SWITCH	On/off	On/off	On/off	-		On/off	
BODY	ABS, black	Cast-iron, dark grey	Metal, dark grey	Cast-iron, dark grey		Cast-iron, dark grey	
CONNECTOR	-	-	-	Male XLR		Male XLR	
CABLE	3 m with 6.3 mm mono plug connector Unbalanced line	4.5 m with female XLR connectors and 6.3 mm mono plug Unbalanced line	4.5 m with female XLR connectors and 6.3 mm mono plug Unbalanced line	3 m with female XLR and 6.3 mm mono jack connectors Unbalanced line	3 m with XLR connectors Balanced line	3 m with female XLR and 6.3 mm mono jack connectors Unbalanced line	3 m with XLR connectors. Balanced line
WEIGHT	0.1 kg	0.2 kg	0.2 kg	0.2 kg		0.2 kg	
ACCESSORIES	-	Microphone stand and protective case	Microphone stand and protective case	Mic. stand and transport bag		Mic. stand and transport bag	

FDM-1050

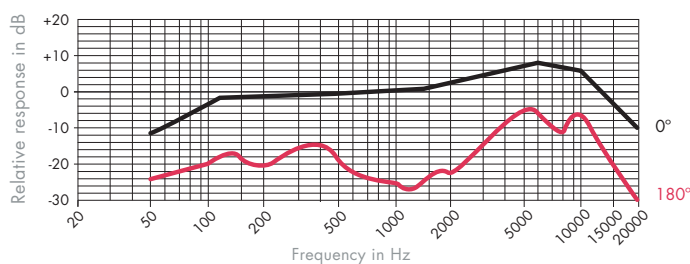




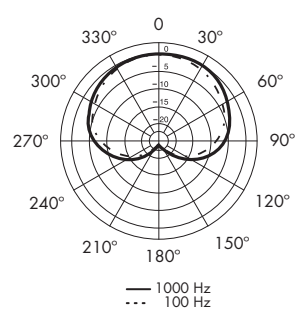
	FDM-1060	FDM-1060-4	FDM-1060-4B	FDM-9058	FDM-9058-B
CAPSULE	Unidirectional dynamic	Unidirectional dynamic	Unidirectional dynamic	Unidirectional dynamic	Unidirectional dynamic
RESPONSE	50-15 000 Hz	50-15 000 Hz	50-15 000 Hz	30-15 000 Hz	30-15,000 Hz
SENSITIVITY	-56 dB (V/Pa) at 1 kHz	-56 dB (V/Pa) at 1 kHz	-56 dB (V/Pa) at 1 kHz	-51 dB (V/Pa) at 1 kHz	-51 dB (V/Pa) at 1 kHz
IMPEDANCE	600 Ω	600 Ω	600 Ω	600 Ω	600 Ω
POWER SWITCH	On/off	On/off	On/off	On/off	On/off
BODY	Cast-iron, black	Cast-iron, black	Cast-iron, black	Cast-iron, dark grey	Cast-iron, dark grey
CABLE	3 m with female PF-4 connectors and mono 6.3 mm plug. unbalanced line	4 m extendable with female PF-4 and DIN-5 connectors for contact closure through switch Unbalanced line	4 m extendable with female PF-4 connectors and 72° DIN 4 for contact closure using switch Unbalanced line	5 m with female XLR connectors and 6.3 mm mono plug Unbalanced line	5 m with XLR connectors Balanced line
WEIGHT	0.3 kg	0.3 kg	0.3 kg	0.2 kg	0.3 kg
ACCESSORIES	Microphone stand and protective case	Protective case	Protective case	Microphone stand	Microphone stand
	-	Specially for buses	Specially for buses		-

FDM-1060

FREQUENCY RESPONSE



POLAR DIAGRAM



DYNAMIC MICROPHONES. HAND-HELD

Hand-held dynamic microphones for general and professional use.
Excellent audio quality and metal body with stylish design.



FDM-9070

CHARACTERISTICS	Hand-held dynamic microphone. Directivity pattern with high degree of feedback rejection. Multi-layer filter, wind and breath shields incorporated. Shock proof suspension system. Low level of handling noise. High quality 'live voice' sound.
CAPSULE	Hypercardioid unidirectional dynamic
RESPONSE	100-15,000 Hz
SENSITIVITY	-54 dB ±3 dB (V/Pa) at 1 kHz
IMPEDANCE	400 Ω
POWER SWITCH	-
BODY	Cast-iron, stylish finish
CONNECTOR	Male XLR for balanced line
WEIGHT	0.3 kg
ACCESSORIES	Microphone stand, protective case and transport bag

FDM-9071

CHARACTERISTICS	Hand-held dynamic microphone. Directivity pattern with high degree of feedback rejection. Multi-layer filter, wind and breath shields incorporated. Shock proof suspension system. Low level of handling noise. High quality 'live voice' sound.
CAPSULE	Hypercardioid unidirectional dynamic
RESPONSE	100-15 000 Hz
SENSITIVITY	-54 dB ±3 dB (V/Pa) at 1 kHz
IMPEDANCE	400 Ω
POWER SWITCH	Sliding On/off
BODY	Cast-iron, stylish finish
CONNECTOR	Male XLR for balanced line
WEIGHT	0.3 kg
ACCESSORIES	Microphone stand and protective case

DYNAMIC MICROPHONES. NECK

Hands-free dynamic neck microphone. Allows freedom of movement, comfort and minimum visibility.
Designed to receive the voice at a short distance to minimize feedback.

FDM-619

CHARACTERISTICS	Hands-free dynamic neck microphone. Gooseneck adaptable to the neck with smooth finish. Designed to minimize feedback. High voice quality.
CAPSULE	Unidirectional dynamic
RESPONSE	100-18 000 Hz
SENSITIVITY	-64 dB ±3 dB (V/Pa) at 1 kHz
IMPEDANCE	600 Ω
CABLE	1.2 m with 3.5 mm mono plug connector Unbalanced line
WEIGHT	0.1 kg
ACCESSORIES	Windshield



DYNAMIC MICROPHONES. DESKTOP

FONESTAR

Dynamic desktop microphones.

FDM-629

CHARACTERISTICS	Desktop microphone. Stylish design.
CAPSULE	Unidirectional dynamic
RESPONSE	100-18 000 Hz
SENSITIVITY	-64 dB $\pm$ 3 dB (V/Pa) at 1 kHz
IMPEDANCE	600 Ω
BUTTON	3 positions: press on, fixed on and off
HEIGHT	Total: 36 cm with tube, gooseneck and destop base
CABLE	1.7 m with 6.3 mm mono plug connector Unbalanced line
WEIGHT	0.9 kg
COMPATIBILITY	For priority through signal level in FONESTAR amplifiers mods. MA-65GU, MA-65RGUB, MA-460BZ, MA-125Z, MA-245Z, MA-125GU, MA-125RGUB, MA-245GU, MAZ-4250E, MAZ-4160, MAZ-4480 and MX-4000



FDM-625

CHARACTERISTICS	Desktop microphone.
CAPSULE	Unidirectional dynamic
RESPONSE	80-12,000 Hz
SENSITIVITY	-50 dB (V/Pa) at 1 kHz
IMPEDANCE	600 Ω
PUSH BUTTON	3 positions: push to talk, push to lock and off
HEIGHT	Total: 360 mm with 14 mm $\varnothing$ gooseneck and desktop base
CABLE	1.5 m extendable with 6.3 mm mono plug connector. Unbalanced line
WEIGHT	0.8 kg
COMPATIBILITY	For priority depending on signal level in FONESTAR amplifiers, mods. MA-65GU, MA-65RGUB, MA-460BZ, MA-125Z, MA-245Z, MA-125GU, MA-125RGUB, MA-245GU, MAZ-4250E, MAZ-4160, MAZ-4480 and MX-4000



Dynamic desktop microphones with round cast-iron base.

DM-28B

CHARACTERISTICS	Desktop microphone with round cast-iron base.
CAPSULE	Unidirectional dynamic
RESPONSE	100-12 000 Hz
SENSITIVITY	-56 dB (V/Pa) at 1 kHz
IMPEDANCE	600 Ω
POWER SWITCH	On/Off
HEIGHT	Total: 44'5 cm with a 14 mm $\varnothing$ gooseneck and cast-iron desktop base
CABLE	3 m with a 6.3 mm mono jack connector Unbalanced line
WEIGHT	1.4 kg

FDM-29B

CHARACTERISTICS	Desktop microphone with round cast iron base.
CAPSULE	Unidirectional dynamic
RESPONSE	100-12 000 Hz
SENSITIVITY	-56 dB (V/Pa) at 1 kHz
IMPEDANCE	600 Ω
POWER SWITCH	On/Off
HEIGHT	Total: 44'5 cm with 14 mm $\varnothing$ gooseneck and cast-iron desktop base
CABLE	5 m with male XLR connector Balanced line
WEIGHT	1.6 kg



DM-28B

FDM-29B

DYNAMIC MICROPHONES. GOOSENECK

Dynamic microphones with gooseneck.



	DM-28	DM-28ML	FDM-633	FDM-635	FDM-637	FDM-639
CAPSULE	Unidirectional, dynamic	Unidirectional, dynamic	Unidirectional dynamic of reduced dimensions Stylish design	Unidirectional dynamic	Cardioid unidirectional dynamic	Cardioid unidirectional dynamic
RESPONSE	100-12000 Hz	100-12000 Hz	100-18,000 Hz	80-12 000 Hz	100-16000 Hz	100-12000 Hz
SENSITIVITY	-56 dB (V/Pa) at 1 kHz	-56 dB (V/Pa) at 1 kHz	-64 dB $\pm$ 3 dB (V/Pa) at 1 kHz	-54 dB (V/Pa) at 1 kHz	-57 dB (V/Pa) at 1 kHz	-56 dB (V/Pa) at 1 kHz
IMPEDANCE	600 Ω	600 Ω	600 Ω	600 Ω	500 Ω	500 Ω
POWER SWITCH	On/off	On/off	-	-	On/off	-
CONNECTOR	-	-	Male XLR Balanced line	Male XLR Balanced line	Male XLR Balanced line	Male XLR Balanced line
TOTAL HEIGHT	Total: 41 cm with a robust 14 mm $\varnothing$ gooseneck, adaptable to desktop bases or microphone stands with a standard 5/8" thread	Total: 64 cm with 14 mm $\varnothing$ gooseneck, adaptable to desktop bases or microphone stands with a standard 5/8" thread	41 cm with tube and gooseneck Adaptable to XLR microphone bases, etc.	48 cm with 8.5 mm $\varnothing$ gooseneck, adaptable to DJ mixer tables DJ, XLR microphone bases, etc.	60 cm with 11 mm $\varnothing$ gooseneck and M12 thread Male M12 thread to standard female 5/8" thread adapter for stand or table stand	41 cm with tube and gooseneck, adaptable to DJ mixer tables, XLR microphone bases, etc.
CABLE	3 m with a 6.3 mm mono jack connector Unbalanced line	3 m with a 6.3 mm mono jack connector Unbalanced line	-	-	-	-
WEIGHT	0.4 kg	0.6 kg	0.1 kg	0.2 kg	0.4 kg	0.1 kg
ACCESSORIES	-	-	Windshield	-	Windshield	-

CONDENSER MICROPHONES. HAND-HELD

FONESTAR

Hand-held electret condenser microphones for professional and general use.



FCM-270

CAPSULE	Unidirectional electret condenser
RESPONSE	50-18000 Hz
SENSITIVITY	-45 dB (V/Pa) at 1 kHz
IMPEDANCE	1000 Ω
POWER SWITCH	On/Off
POWER SUPPLY	1.5 V 1 x LR6-AA battery
CABLE	5 m with 6.3 mm mono jack connector Unbalanced line
WEIGHT	0.2 kg
ACCESSORIES	Microphone stand and Windshield

FCM-440

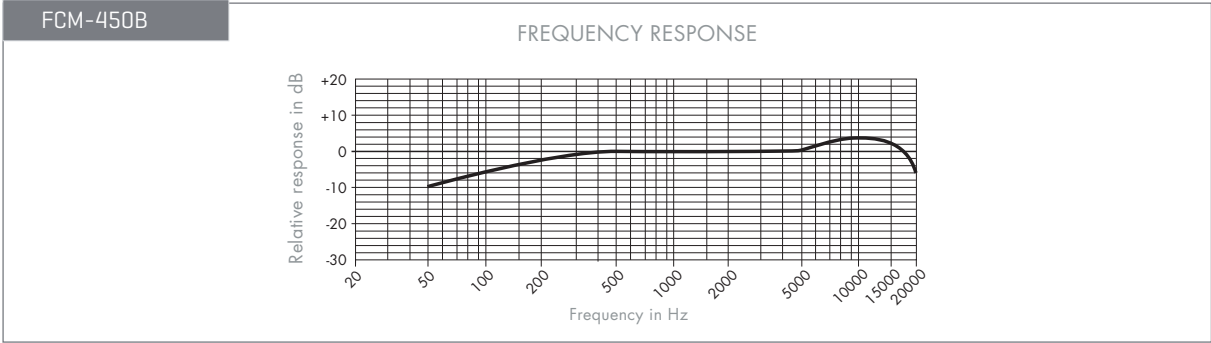
CAPSULE	Unidirectional electret condenser
RESPONSE	30-18000 Hz
SENSITIVITY	-45 dB (V/Pa) at 1 kHz
IMPEDANCE	600 Ω
POWER SWITCH	On/Off
POWER SUPPLY	1.5 V 1 x LR6-AA battery
CABLE	4.5 m with female XLR connectors and 6.3 mm mono jack Unbalanced Line
WEIGHT	0.1 kg
ACCESSORIES	Microphone stand and windshield

FCM-440B

CAPSULE	Unidirectional electret condenser
RESPONSE	50-18000 Hz
SENSITIVITY	-45 dB (V/Pa) at 1 kHz
IMPEDANCE	600 Ω
POWER SWITCH	On, off
POWER SUPPLY	1.5 V 1 x LR6-AA battery
CABLE	5 m with XLR connectors Balanced line
WEIGHT	0.1 kg
ACCESSORIES	Stand and windshield

FCM-450B

CAPSULE	Unidirectional electret condenser
RESPONSE	70-16,000 Hz
SENSITIVITY	-46 dB (V/Pa) at 1 kHz
IMPEDANCE	250 Ω
POWER SWITCH	On/off
POWER SUPPLY	Phantom 9 to 52 V DC or 1 x 1.5 V LR6-AA battery
CABLE	4.5 m with XLR connectors Balanced line
WEIGHT	0.1 kg
ACCESSORIES	Microphone stand



CONDENSER MICROPHONES. DESKTOP

Electret condenser desktop microphones.
Recommended for conference systems, P. A. systems, churches, etc..



FCM-764

CHARACTERISTICS	Unidirectional electret condenser desktop microphone. Switch and LED power ring.
CAPSULE	Unidirectional electret condenser
RESPONSE	60-17,000 Hz
SENSITIVITY	-37 dB (V/Pa) at 1 kHz
IMPEDANCE	250 Ω
POWER SWITCH	On/off
LED INDICATOR	Illuminated ring when on
CONNECTORS	Male XLR Balanced line
PHANTOM	22 to 52 V DC
HEIGHT	Total: 40.5 cm with desktop shock-resistant base, tube, gooseneck and capsule.
WEIGHT	1.5 kg
ACCESSORIES	Windshield

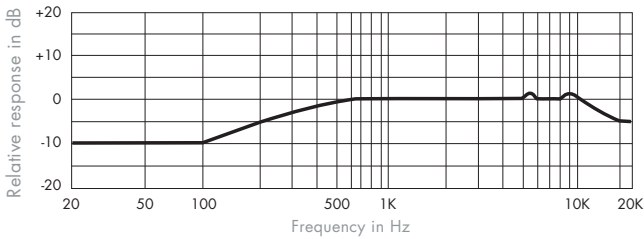


FCM-765

CHARACTERISTICS	Desktop cardioid electret condenser. Stylish design. High quality sound.
CAPSULE	Cardioid electret condenser
RESPONSE	70-16 000 Hz
SENSITIVITY	37 dB (V/Pa) at 1 kHz
IMPEDANCE	250 Ω
POWER SWITCH	On/off
LED INDICATOR	On the base to show working
CONNECTORS	Male XLR Balanced line
PHANTOM	22 to 52 V DC
HEIGHT	Total: 52 cm with shock-resistant desktop base, tube, gooseneck and capsule
WEIGHT	0.8 kg
ACCESSORIES	Windshield

FCM-764

FREQUENCY RESPONSE





FCM-766/FCM-767

FCM-766

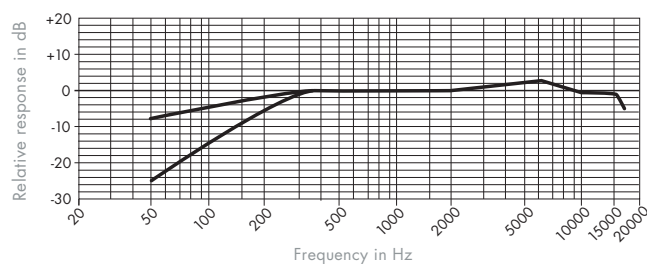
CHARACTERISTICS	Unidirectional electret condenser desktop microphone
CAPSULE	Unidirectional electret condenser
RESPONSE	80-18,000 Hz
SENSITIVITY	-35 dB (V/Pa) at 1 kHz
IMPEDANCE	100-600 Ω
SWITCH	Mic: on/off and PTT/PTL Filter: Bass cut-off/flat response
INDICATORS	LED power indicator
CONNECTORS	Mini male XLR Balanced line
PHANTOM	11 to 52 V DC
CABLE	5 m with mini female XLR to male XLR connectors. Balanced Line
HEIGHT	Total: 32 cm with shock-resistant desktop base, tube, 2 gooseneck sections and capsule.
WEIGHT	0.6 kg
ACCESSORIES	Windshield

FCM-767

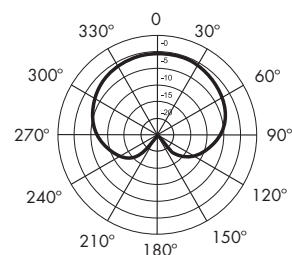
CHARACTERISTICS	Microphone with gooseneck and tube. Extra length, specially for speaking while standing up or from a certain distance from the table or reading desk/lectern.
CAPSULE	Unidirectional electret condenser
RESPONSE	80-18 000 Hz
SENSITIVITY	-35 dB (V/Pa) at 1 kHz
IMPEDANCE	100-600 Ω
SWITCH	Mic: on/off and PTT/PTL Filter: Bass cut-off/flat response
INDICATORS	LED power indicator
CONNECTORS	Mini male XLR Balanced line
PHANTOM	11 to 52 V DC
CABLE	5 m with mini female XLR to male XLR connectors. Balanced Line
HEIGHT	Total: 48 cm with shock-resistant desktop base, tube and gooseneck
WEIGHT	0.6 kg
ACCESSORIES	Windshield

FCM-767

FREQUENCY RESPONSE



POLAR DIAGRAM



CONDENSER MICROPHONES. DESKTOP

Desktop hypercardioid electret condenser microphone. Designed to minimize feedback. Stylish design with minimum visual impact.



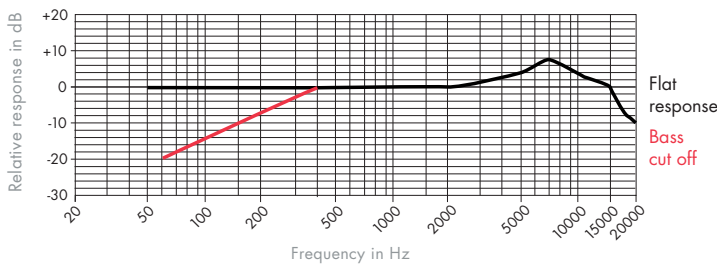
FCM-769 **NI**

FCM-770

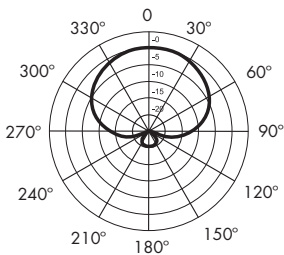
CHARACTERISTICS	Desktop hypercardioid electret condenser microphone. Metal base with gooseneck.	Double hypercardioid electret condenser microphone
CAPSULE	Hypercardioid electret condenser	Hypercardioid electret condenser
RESPONSE	30-20 000 Hz	30-18000 Hz
SENSITIVITY	-35 dB ±3 dB (V/Pa) at 1 kHz	-35 dB (V/Pa) at 1 kHz
IMPEDANCE	250 Ω	100-600 Ω
POWER SWITCH	On/off	Mic: on/off and PTT/PTL Filter: Bass cut-off/flat response
LED INDICATOR	LED power indicator on the base	LED power indicator
CONNECTORS	-	Mini male XLR Balanced line
PHANTOM	9 to 52 V DC	11 to 52 V DC
CABLE	3 m with male XLR connector Balanced line	5 m with mini female XLR connectors to male XLR. Balanced Line
TOTAL HEIGHT	Total: 27 cm with gooseneck	24.7 cm with shock-resistant table stand and 2 goosenecks
WEIGHT	0.3 kg	1.1 kg
ACCESSORIES	Windshield	Windshield

FCM-770

FREQUENCY RESPONSE



POLAR DIAGRAM



CONDENSER MICROPHONES. GOOSENECK

FONESTAR

Hypercardioid electret condenser microphones for installation or lectern.
Designed to minimize feedback. Stylish design with minimum visual impact.



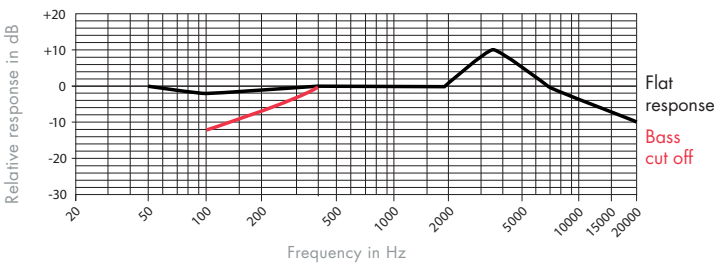
FCM-745

FCM-752

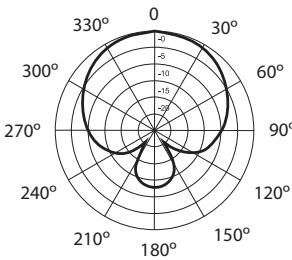
CAPSULE	Hypercardioid electret condenser	Hypercardioid electret condenser
RESPONSE	30-18 000Hz	50-16 000 Hz
SENSITIVITY	-35 dB (V/Pa) at 1 kHz	-34 dB ±3 dB (V/Pa) at 1 kHz
IMPEDANCE	250 Ω	200 Ω
CONNECTORS	Male XLR Balanced line	Male XLR Unbalanced line
PHANTOM	9 to 52 V DC	9 to 52 V DC
SWITCHES	Level: 0 dB/-10dB Filter: Bass cut-off 180 Hz, 12 dB/oct.	Level: 0 dB/-10 dB Filter: flat response/bass cut-off
HEIGHT	Total: 35 cm with gooseneck Adaptable for XLR microphone bases, etc.	Total: 33 cm with gooseneck Adaptable to XLR microphone bases, etc.
COLOUR	Black	White
WEIGHT	0.2 kg	0.1 kg
ACCESSORIES	Windshield	Windshield

FCM-745

FREQUENCY RESPONSE



POLAR DIAGRAM

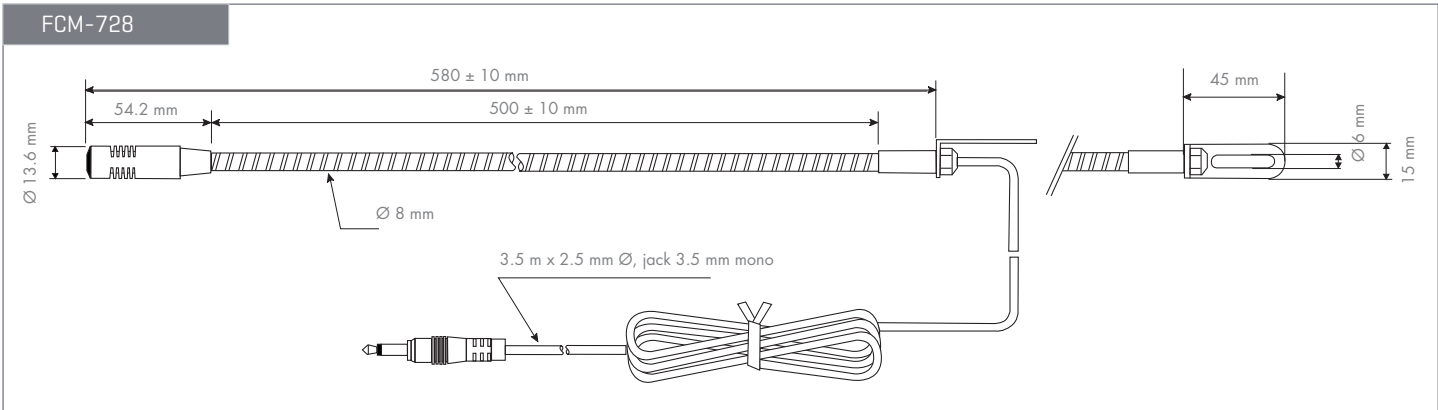


CONDENSER MICROPHONES. GOOSENECK

Electret condenser microphone with gooseneck.



	GM-4	FCM-728	FCM-734	FCM-735
CAPSULE	Unidirectional electret condenser	Unidirectional electret condenser.	Unidirectional cardioid electret condenser	Unidirectional cardioid electret condenser High quality sound with wide frequency response.
RESPONSE	50-18 000 Hz	50-18000 Hz	80-16 000 Hz	30-18 000 Hz
SENSITIVITY	-50 dB (V/Pa) at 1 kHz	-48 dB (V/Pa) at 1 kHz	-43 dB (V/Pa) at 1 kHz	-45 dB ±3 dB (V/Pa) at 1 kHz
IMPEDANCE	1000 Ω	1000 Ω	500 Ω	250 Ω
CONNECTOR	Male XLR Balanced line	-	Male XLR Balanced line	Male XLR Balanced line
PHANTOM	9 to 52 V DC	1.5 to 9 V DC	9 to 52 V DC	22 to 48 V DC
CABLE	-	3.5 m with 3.5 mm mono jack connector Unbalanced line	-	-
TOTAL HEIGHT	Total: 63 cm with 8 mm Ø gooseneck, adaptable to XLR mic. bases, etc.	58 cm with 8 mm Ø gooseneck and screw on fixture system Suitable for buses, lorries, etc.	Total: 42 cm with tube and gooseneck, adaptable for XLR microphone bases, etc.	Total: 45 cm with tube and gooseneck Adaptable for XLR microphone bases, etc.
WEIGHT	0.2 kg	0.2 kg	0.1 kg	0.1 kg
ACCESSORIES	Windshield	Windshield	Windshield	Windshield



FCM-736
The LED ring only switches off when the phantom power supply is removed. On the FONESTAR desktop bases models RS-162, RS-165, RS-166B, RS-169, the mic. stand RS-9XLR and the adapter RA-72 the ring does not switch off even if audio is cut off.



FCM-736

FCM-738

FCM-740

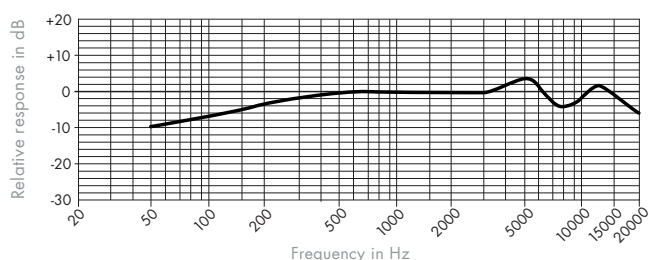
FCM-741

CAPSULE	Unidirectional electret condenser			
RESPONSE	80-16 000 Hz	80-16000 Hz	80-18000 Hz	30-18000 Hz
SENSITIVITY	-43 dB (V/Pa) at 1 kHz	-46 dB (V/Pa) at 1 kHz	-35 dB (V/Pa) at 1 kHz	-45 dB (V/Pa) at 1 kHz
IMPEDANCE	200 Ω	250 Ω	100-600 Ω	250 Ω
POWER SWITCH	-	On/off	-	-
LED INDICATOR	LED ring when in operation	-	-	-
CONNECTORS	Male XLR Balanced line	Male XLR Balanced line	-	-
PHANTOM	9 to 52 V DC	9 to 52 V DC or 1 x 1.5 V LR6-AA battery	11 to 52 V DC	9 to 52 V DC
CABLE	-	-	5 m with male XLR connector Balanced line	3.6 m with male XLR connector Balanced line
TOTAL HEIGHT	Total: 43 cm with tube and gooseneck, adaptable for conference systems, XLR microphone bases, etc.	51 cm with tube and gooseneck, adaptable for DJ mixing tables, XLR microphone bases, etc.	Total: 63 cm with tube and 2 gooseneck sections, adaptable to desktop bases or microphone stands with 5/8" standard thread	Total: 51 cm with tube and 2 sections of gooseneck, adaptable to desktop bases or microphone stands with standard 5/8" thread
WEIGHT	0.1 kg	0.2 kg	0.2 kg	0.2 kg
ACCESSORIES	Windshield	Windshield	Windshield	Anti-shock fitted base, flush mount fixed base, adapter tube and windshield. Hole for anti-shock base installation 51mm Ø. Hole for fixed base installation 28 mm Ø.

FCM-736 y FCM-741

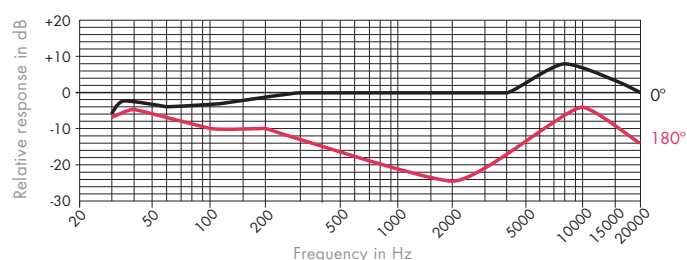
FCM-736

FREQUENCY RESPONSE



FCM-741

FREQUENCY RESPONSE



CONDENSER MICROPHONES. SUSPENSION FOR HANGING

Hanging electret condenser microphones for stages, choirs, etc.



FCM-804

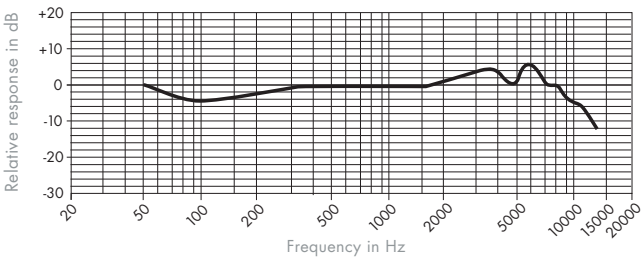
CHARACTERISTICS	Hanging microphone for stages, choirs, etc. Atmospheric sound pick-up. Minimum visual effect. Stainless steel hanger. Anti-reflecting black finish.	Hanging microphone with hypercardioid directivity, especially for noisy environments or with a distance between the microphone and the sound source, for stages, choirs, etc. Atmospheric sound pick-up. Minimum visual effect. Stainless steel hanger. Anti-reflecting black finish.
CAPSULE	Unidirectional cardioid electret condenser	Hypercardioid unidirectional electret condenser.
RESPONSE	50-18 000 Hz	50-16 000 Hz
SENSITIVITY	-38 dB ±3 dB (V/Pa) at 1 kHz	-34 dB ±3 dB (V/Pa) at 1 kHz
IMPEDANCE	250 Ω ±30% at 1 kHz	250 Ω ±30% at 1 kHz
PHANTOM	9 to 52 V DC	9 to 52 V DC
CABLE	9.5 m with mini female XLR connectors to male XLR	9.5 m with male XLR connector (with capsule preamplifier)
DIMENSIONS	12 mm Ø x 65 mm length	8 mm Ø x 121 mm length
WEIGHT	0.2 kg	0.2 kg
ACCESSORIES	Protective case, hanging support and windshield	Protective case, hanging support and windshield



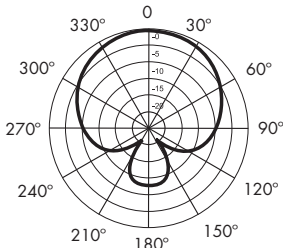
FCM-812

FCM-812

FREQUENCY RESPONSE



POLAR DIAGRAM



CONDENSER MICROPHONES. VIDEO CAMERAS

FONESTAR

Electret condenser microphone for video cameras.



FCM-2800



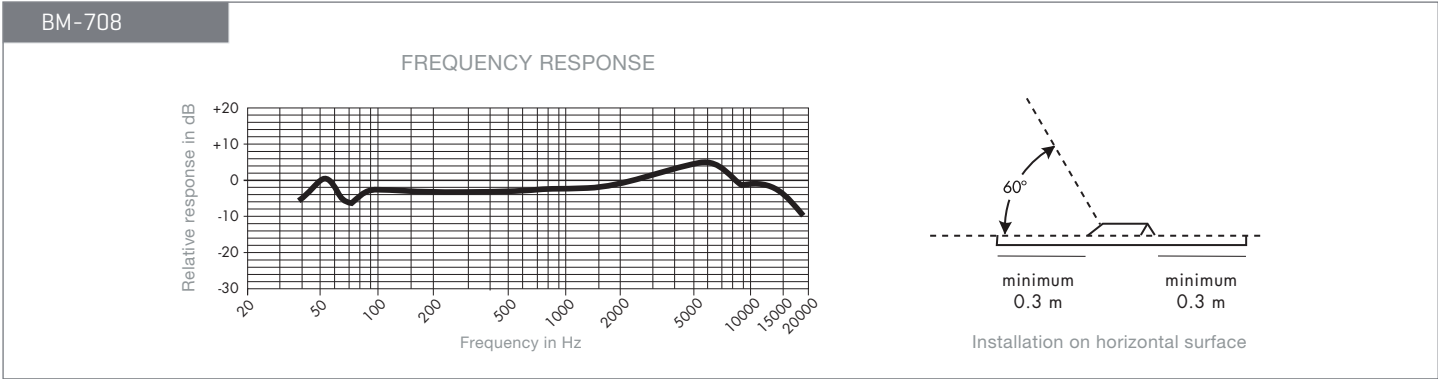
	FCM-2500	FCM-2600	FCM-2800
CAPSULE	Electret condenser Selectable directivity pattern: normal (cardioid) and tele (supercardioid)	Super unidirectional cardioid electret condenser	Electret condenser Selectable directivity pattern: normal (cardioid) and tele (supercardioid)
RESPONSE	70-16 000 Hz	80-12000 Hz	70-16 000 Hz
SENSITIVITY	Normal: -47 dB (V/Pa) Tele: -36 dB (V/Pa)	Normal: -50 dB (V/Pa) Tele: -36 dB (V/Pa)	Normal: -50 dB (V/Pa) Tele: -36 dB (V/Pa)
IMPEDANCE	Normal: 1000 Ω Tele: 2200 Ω	Normal: 1000 Ω Tele: 2300 Ω	Normal: 1000 Ω Tele: 2200 Ω
SWITCH	Tele/Normal/Off	Tele/Normal/Off	Tele/Normal/Off
POWER SUPPLY	1 x 1.5 V LR6-AA battery	1.5 V 1 x LR6-AA battery.	1 x 1.5 V LR6-AA battery Phantom 24 to 52 V DC (recommended 48 V DC)
CABLE	1.8 m with 90° 3.5 mm mono jack connector	1.65 m extendable with 3.5 mm mono jack 7.6 m with 3.5 mm mono jack	1 m with 3.5 mm mono jack connector
DIMENSIONS	44 x 49 x 167 mm depth	22 mm Ø x 280 mm length	22 mm Ø x 270 mm length
WEIGHT	0.1 kg	0.1 kg	0.1 kg
ACCESSORIES	Windshield	Stand with camera adapter, windshield and protective case	Stand, camera adapter and windshield

CONDENSER MICROPHONES. BOUNDARY

Surface mount electret condenser boundary microphones.



	BM-704	BM-704BL	BM-702
CHARACTERISTICS	Extra-flat boundary microphone, for use on tables, walls, etc. Sharp pick-up.	Extra-flat boundary microphone, for use on tables, walls, etc. Sharp pick-up.	Extra-flat boundary microphone, for desktop use or on walls, etc. Sharp pick-up.
CAPSULE	Unidirectional electret condenser	Unidirectional electret condenser	Unidirectional electret condenser
RESPONSE	80-14000 Hz	80-14000 Hz	50-18000 Hz
SENSITIVITY	-45 dB (V/Pa) at 1 kHz	-45 dB (V/Pa) at 1 kHz	-46 dB (V/Pa) at 1 kHz
IMPEDANCE	600-1000 Ω	600-1000 Ω	600 Ω
POWER SWITCH	On/off on the battery holder	On/Off in the battery holder	On/off on the battery holder
CONNECTORS	Mini male XLR output	Mini male XLR output	Mini male XLR output
POWER SUPPLY	1 x 1.5 V LR6-AA battery	1 x 1.5 V LR6-AA battery	Phantom 9 at 52 V DC or 1 x 1.5 V LR6-AA battery
CABLES	8 m with mini female XLR connector, prior adapter, and 6.3 mm mono plug connector Unbalanced line	8 m with mini female XLR connector, prior adapter, and 6.3 mm mono plug connector Unbalanced line	7 m with mini XLR connectors Prior adapter 1 m with XLR connectors 1 m with female XLR connectors to 6.3 mm mono plug Balanced or unbalanced line
DIMENSIONS	90 x 16 x 115 mm depth	90 x 16 x 115 mm depth	65 x 19 x 80 mm depth.
COLOUR	Black	White	Black
WEIGHT	0.3 kg	0.3 kg	0.2 kg
ACCESSORIES	-	-	Protective case





BM-704PH

BM-704PH-BL

BM-708

CHARACTERISTICS	Extra-flat boundary microphone, for use on tables, walls, etc. Sharp pick-up.	Extra-flat boundary microphone, for use on tables, walls, etc. Sharp pick-up.	Extra-flat boundary microphone, for use on tables, walls, etc. Phantom power supply. Sharp pick-up.
CAPSULE	Unidirectional cardioid electret condenser	Unidirectional cardioid electret condenser	Unidirectional electret condenser
RESPONSE	30-20 000 Hz	30-20,000 Hz	40-16000 Hz
SENSITIVITY	-37 dB (V/Pa)	-37 dB (V/Pa)	-53 dB (V/Pa)
IMPEDANCE	100 Ω	100 Ω	200 Ω
POWER SWITCH	-	-	On/off
INDICATOR	LED power indicator	LED power indicator	-
CONNECTORS	Mini male XLR output	Mini male XLR output	Mini male XLR output
PHANTOM	11 to 52 V DC	11 to 52 V DC	15 to 52 V DC
CABLE	5 m with mini female XLR connectors and male XLR Balanced line	5 m with mini female XLR connectors and male XLR Balanced line	10 m with mini female XLR connectors and male XLR Balanced line
DIMENSIONS	90 x 16 x 115 mm depth	90 x 16 x 115 mm depth	91 x 20 x 123 mm depth
COLOUR	Black	White	Black
WEIGHT	0.3 kg	0.3 kg	0.3 kg

Electret condenser boundary microphone with tactile switch and LED -on- indicator. Directivity pattern and selectable power mode. Robust construction and elegant design. Non-slip rubber base. High quality sound.



BM-709

CHARACTERISTICS	Extra-flat boundary microphone for desktop use or on walls, etc. Very clear pick up Tactile power switch with LED power indicator.
CAPSULE	Electret condenser Selectable directivity pattern: omnidirectional, sub-cardioid, cardioid, super-cardioid and bi-directional
RESPONSE	50-15,000 Hz
SENSITIVITY	-32 dB ±3 dB (V/Pa)
IMPEDANCE	200 Ω
SWITCH	Mic.: tactile on/off Filter: bass cut-off/flat response Initial status: power on/off Operating: PTT/PTL
INDICATOR	LED power indicator
CONNECTORS	Mini male XLR output
PHANTOM	24 to 52 V DC (48 V DC recommended)
CABLE	3 m with mini female XLR and male XLR connectors Balanced line
DIMENSIONS	92.5 x 26 x 100 mm depth
COLOUR	Black
WEIGHT	0.1kg

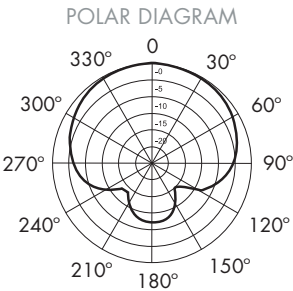
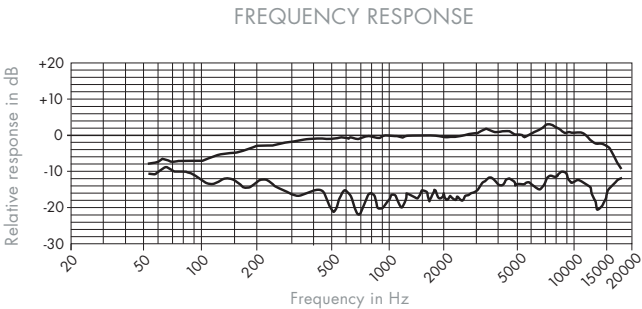
CONDENSER MICROPHONES. SURFACE INSTALLATION

Electret condenser microphones for surface assembly.



	FCM-429	FCM-431	FCM-432
CHARACTERISTICS	Unidirectional microphone for surface assembly. Sharp sound pick-up. For use in conferences, churches, congresses, studios, casinos, etc. Perfect for situations where the microphone should not be visible.	Omnidirectional microphone for surface assembly. Sharp sound pick-up. For use in conferences, churches, congresses, studios, casinos, etc. Perfect for situations where the microphone should not be visible.	Unidirectional microphone for surface assembly. Sharp sound pick-up. For use in conferences, churches, congresses, studios, casinos, etc.
CAPSULE	Unidirectional electret condenser	Omnidirectional electret condenser, water-resistant	Unidirectional electret condenser
RESPONSE	40-20,000 Hz	20-20 000 Hz	80-18 000 Hz
SENSITIVITY	-45 dB (V/Pa) at 1 kHz	-43 dB (V/Pa) at 1 kHz	-45 dB (V/Pa) at 1 kHz
IMPEDANCE	250 Ω	250 Ω	200-600 Ω
CONNECTORS	Male XLR Balanced line	Male XLR Balanced line	Male XLR Balanced line
PHANTOM	9 to 52 V DC	9 to 52 V DC	9 to 52 V DC
DIMENSIONS	35 mm Ø x 85 mm Hole for installation 23 mm Ø Maximum thickness of assembly surface 55 mm	30 mm Ø x 75 mm Hole for installation 23 mm Ø Maximum thickness of assembly surface 55 mm	40 mm Ø x 210 mm with gooseneck. Hole for installation 23 mm Ø Maximum thickness of assembly surface 55 mm
COLOUR	Black	Black	Black
WEIGHT	0.1 kg	0.1 kg	0.2 kg
ACCESSORIES	Nut and washer for surface assembly	Nut and washer for surface assembly	Nut and washer for surface assembly, and windshield

FCM-429



CONDENSER MICROPHONES. HEADSET WITH ADAPTER

FONESTAR

Electret condenser microphone with head support and adapter for dynamic microphone input.

HM-12D

CAPSULE	Unidirectional electret condenser
RESPONSE	50-15 000 Hz
SENSITIVITY	-50 dB (V/Pa) at 1 kHz
IMPEDANCE	1000 Ω
POWER SUPPLY	1.5 V 1 x LR6-AA battery
CABLE	1 m extra-flexible with 3.5 mm mono plug connector
WEIGHT	0.1 kg
ACCESSORIES	Head support for hands-free use, adapter with pre amp/battery holder for use in dynamic microphone input and windshield.



CONDENSER MICROPHONES. TIE-CLIP WITH ADAPTER

Electret condenser tie-clip microphones with adapter for dynamic microphone input.



FCM-16D



FCM-400



FCM-410



FCM-626

FCM-627

	FCM-16D	FCM-400	FCM-410	FCM-626	FCM-627
CHARACTERISTICS	Condenser microphone and powered adapter with preamplifier and power supply for use in dynamic microphone inputs.	Condenser microphone and powered adapter with preamplifier and power supply for use in dynamic microphone inputs.	Condenser microphone and powered adapter with preamplifier and power supply for use in dynamic microphone inputs.	Condenser microphone and powered adapter with preamplifier and power supply for use in dynamic microphone inputs.	Condenser microphone and powered adapter with preamplifier and power supply for use in dynamic microphone inputs.
CAPSULE	Unidirectional electret condenser	Omnidirectional electret condenser	Omnidirectional electret condenser	Omnidirectional electret condenser	Unidirectional electret condenser
RESPONSE	50-15 000 Hz	50-18 000 Hz	30-18 000 Hz	100-14 000 Hz	80-18 000 Hz
SENSITIVITY	48 dB (V/Pa) at 1 kHz	-45 dB (V/Pa) at 1 kHz	-45 dB (V/Pa) at 1 kHz	-42 dB (V/Pa) at 1 kHz	-36 dB (V/Pa) at 1 kHz
IMPEDANCE	1000 Ω	1000 Ω	1000 Ω	1800 Ω	2000 Ω
POWER SWITCH	-	-	On/off	-	-
POWER SUPPLY	1.5 V 1 x LR6-AA battery	1.5 V 1 x LR-44 battery	1.5 V 1 x LR-44 battery	1.5 V 1 x LR6-AA battery	1.5 V 1 x LR6-AA battery
CABLE	5 m extra-flexible with 3.5 mm mono jack connector	6 m with 3.5 mm mono jack connector	6 m with 3.5 mm mono plug connector	5 m with 6.3 mm mono plug connector	5 m with 6.3 mm mono plug connector
WEIGHT	0.2 kg	-	-	0.1 kg	0.1 kg
ACCESSORIES	Tie-clip Windshield	Protective case Tie-clip 3.5 mm mono jack adapter to 6.3 mm mono jack Windshield Battery	Protective case Tie-clip 3.5 mm mono plug adapter to 6.3 mm mono plug Windshield Battery	Tie-clip and windshield	Tie-clip and windshield

CONDENSER MICROPHONES. PHANTOM SOURCES

48 V phantom power supply sources for condenser microphones that need phantom power supply to operate correctly. With this power supply source condenser microphones can be used in the inputs on mixers or amplifiers without phantom power. Compact, reliable source with a low noise level.



PH-2

CHARACTERISTICS	48 V phantom power supply source.
INPUTS	2 microphones, female XLR
OUTPUTS	2 microphones, male XLR
PHANTOM	48 V DC $\pm$ 1 V
POWER SUPPLY	230 V AC, 3 W
DIMENSIONS	160 x 70 x 155 mm depth
WEIGHT	1.4 kg

PH-3 **N!**

CHARACTERISTICS	48 V phantom power supply source.
INPUTS	2 mics., female XLR
OUTPUTS	2 mics., male XLR
PHANTOM	48 V DC $\pm$ 2 V
POWER SUPPLY	230/115 V AC, 3.5 W
DIMENSIONS	182 x 46 x 118 mm depth
WEIGHT	0.8 kg

CONDENSER MICROPHONES. ADAPTERS

Electret condenser microphone power supply adapters.



ALH-303

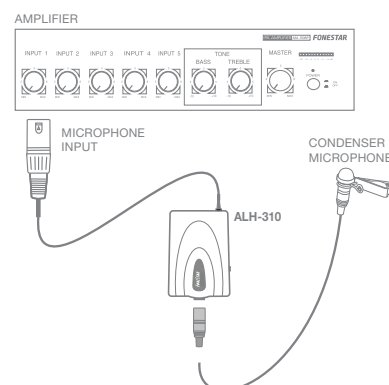
CHARACTERISTICS	Powered adapter with preamplifier and power supply, which allows the use of electret condenser microphones with a 1.5 V DC power supply, in dynamic microphone inputs.
INPUTS	3.5 mm mono jack with 15 cm cable
OUTPUTS	6.3 mm mono plug with 15 cm cable
SWITCH	On/off
POWER SUPPLY	1.5 V 1 battery LR6-AA

ALH-304

CHARACTERISTICS	Powered adapter with preamplifier and power supply, which allows the use of electret condenser microphones with a 1.5 V DC power supply, in dynamic microphone inputs.
INPUTS	3.5 mm mono jack with 15 cm cable
OUTPUTS	3.5 mm mono plug with 15 cm cable
SWITCH	On/off
POWER SUPPLY	1.5 V 1 battery LR6-AA

ALH-310

CHARACTERISTICS	Adapter with pre-amplifier and power supply allowing the use of electret condenser microphones with 1.5 V DC power supply in dynamic microphone inputs. The power supply of the adapter is using 9 to 48 V DC phantom or battery.
INPUTS	Mini male XLR (asymmetric). Provides the microphone with 1.5 V power supply Pin 1 mass, pin 2 mass, pin 3 signal and 1.5 V power supply
OUTPUTS	Male XLR with 3.2 m cable
SWITCH	On/off
POWER SUPPLY	9 to 48 V phantom power supply 1 LR6-AA, 1.5 V battery
DIMENSIONS	53 x 25 x 75 mm depth
WEIGHT	0.1 kg



USB MICROPHONES. HAND-HELD AND DESKTOP

Microphones with USB cable for connecting them directly to the PC.



FDM-1090U

CHARACTERISTICS	Supercardioid unidirectional dynamic hand-held microphone. Autoinstallable drivers Cable with USB connector for connecting it directly to the PC.
CAPSULE	Supercardioid unidirectional dynamic
RESPONSE	100-15 000 Hz
SENSITIVITY	-54 dB (V/Pa) at 1 KHz
IMPEDANCE	400 Ω
SWITCH	On/off
INDICATORS	-
BODY	Metal
CABLE	3.5 m with male USB A connector
HEIGHT	
WEIGHT	0.3 kg
ACCESSORIES	Mic. stand

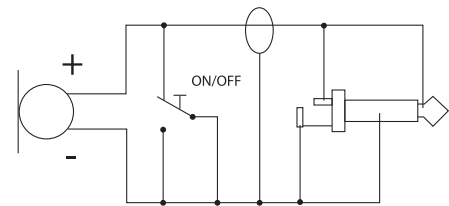


FCM-760U

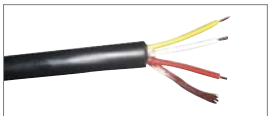
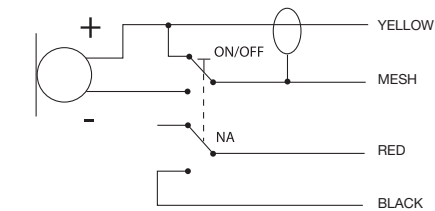
CHARACTERISTICS	Unidirectional electret condenser desktop microphone. Autoinstallable drivers. Cable with USB connector for connecting directly to PC. Metal base with gooseneck.
CAPSULE	Unidirectional electret condenser
RESPONSE	50-18 000 Hz
SENSITIVITY	-45 dB (V/Pa) at 1 KHz
IMPEDANCE	200 Ω
SWITCH	On/off
INDICATORS	LED power indicator on the base
BODY	-
CABLE	4.5 m with male USB A connector
HEIGHT	Total: 26.5 cm with desktop base, gooseneck and capsule
WEIGHT	0.3 kg
ACCESSORIES	Windshield

COMMUNICATIONS MICROPHONES. HAND-HELD

Hand-held radio microphones.
PTT function [push to talk], version with on/off switch and version with double circuit on/off and contact closure.



MCD-364



MCD-364-P



MCD-364 **NI**

MCD-364-P **NI**

CHARACTERISTICS	Communications microphone.	Communications microphone.
CAPSULE	Omnidirectional dynamic	Omnidirectional dynamic
RESPONSE	100-6000 Hz	100-6000 Hz
SENSITIVITY	-68 dB (V/Pa) at 1 kHz	-68 dB (V/Pa) at 1 kHz
IMPEDANCE	500 Ω to 1 kHz	500 Ω to 1 kHz
BUTTON	PTT function (push to talk)	Double circuit: PTT function (push to talk) and contact closure
CABLE	2 m coiled cable with 6.3 mm mono jack connector	2 m coiled stripped ends with 1 shielded audio conductor and 2 conductors for contact closure
DIMENSIONS	55 x 75 x 30 mm depth	55 x 75 x 30 mm depth
WEIGHT	0.2 kg	0.2 kg
ACCESSORIES	Hanger on the back, metal screwable clip mount with screws	Hanger on the back, metal screwable clip mount with screws



2266-NEGRO



2266-ROJO


2266
2266-6
2277
2277-6
2277-S

2266-NEGRO

2266-ROJO

2266

2266-6

2277

2277-6

2277-S

CHARACTERISTICS	Communications microphone	Communications microphone.	Communications microphone.	Communications microphone.	Communications microphone.	Communications microphone	Communications microphone
CAPSULE	Tropicalised ceramic	Tropicalised ceramic	Tropicalised ceramic	Tropicalised ceramic	Dynamic highly sensitive	Dynamic highly sensitive	Dynamic highly sensitive
RESPONSE	100-4500 Hz	100-4500 Hz	100-4500 Hz	100-4500 Hz	150-8000 Hz	150-8000 Hz	150-8000 Hz
IMPEDANCE	1-3 MΩ	1-3 MΩ	1-3 MΩ	1-3 MΩ	1000-2000 Ω	1000-2000 Ω	1000-2000 Ω
SENSITIVITY	-30 dB (V/Pa)	-30 dB (V/Pa)	-30 dB (V/Pa)	-30 dB (V/Pa)	-36 dB (V/Pa) at 1 kHz	-36 dB (V/Pa) at 1 kHz	-36 dB (V/Pa) at 1 kHz
PUSH BUTTON	On/off and opening/closing contacts	On/off and opening/closing contacts	On/off and opening/closing contacts	On/off and opening/closing contacts	On/off and opening/closing contacts	On/off and opening/closing contacts	On/off and opening/closing contacts
CABLE	1.8 m coiled with stripped ends, with 1 shielded audio conductor and 2 conductors for opening/closing contacts	1.8 m coiled with stripped ends, with 1 shielded audio conductor and 2 conductors for opening/closing contacts	1.8 m coiled with stripped ends, with 1 shielded audio conductor and 2 conductors for opening/closing contacts	1.8 m coiled with stripped ends, with 1 shielded audio conductor and 4 conductors for opening/closing contacts	1.8 m coiled with stripped ends with 1 shielded audio conductor and 2 conductors for opening/closing contacts	1.8 m coiled with stripped ends with 1 shielded audio conductor and 4 conductors for opening/closing contacts	1.8 m coiled with 6.3 mm mono jack
COLOUR	Black	Red	Grey	Grey	Grey	Grey	Grey
DIMENSIONS	85 x 58 x 33 mm depth	85 x 58 x 33 mm depth	85 x 58 x 33 mm depth	85 x 58 x 33 mm depth	85 x 58 x 33 mm depth	85 x 58 x 33 mm depth	85 x 58 x 33 mm depth
WEIGHT	0.2 kg	0.2 kg	0.2 kg	0.2 kg	0.2 kg	0.2 kg	0.2 kg
ACCESSORIES	Screw on metal support clip	Screw on metal support clip	Screw on metal support clip	Screw on metal support clip	Screw on metal support clip	Screw on metal support clip	Screw on metal support clip

MICROPHONES CAPSULES. CERAMIC

Ceramic capsules.



	2201	2202
CHARACTERISTICS	Ceramic capsule. Suitable for the manufacture of and replacements for miniature microphones and tape recorders. Resistant to extreme temperatures and humidity.	Ceramic capsule. Suitable for the manufacture of and replacements for radiotelephones, etc. Resistant to extreme temperatures and humidity.
RESPONSE	60-9000 Hz	40-8000 Hz
SENSITIVITY	43 C40 (V/Pa)	-36 dB (V/Pa)
IMPEDANCE	1-3 MΩ	1-3 MΩ
DIMENSIONS	27 mm Ø x 8 mm	44 mm Ø x 13 mm

MICROPHONES CAPSULES. DYNAMIC

Dynamic capsules.



	2204	2204-I	2205	2215	2216
CHARACTERISTICS	Dynamic capsule. Suitable for the manufacture of and replacements for dynamic microphones.	Dynamic capsule. Suitable for the manufacture of and replacements for dynamic microphones.	Dynamic capsule. Suitable for the manufacture of and replacements for the dynamic microphone mod. 2277.	Unidirectional dynamic capsule. Suitable for the manufacture of and replacements for high quality dynamic microphones.	Unidirectional dynamic capsule. Suitable for the manufacture and replacement for high quality dynamic microphones.
RESPONSE	100-10 000 Hz	100-12 000 Hz	100-10 000 Hz	50-13 500 Hz	40-15 000 Hz
SENSITIVITY	-58 dB (V/Pa) at 1 kHz	-67 dB (V/Pa)	-58 dB (V/Pa) at 1 kHz	-53 dB (V/Pa) at 1 kHz	-55 dB (V/Pa) at 1 kHz
IMPEDANCE	600 Ω ±30%	500-600 Ω	600 Ω ±30%	600 Ω	600 Ω
DIMENSIONS	26 mm Ø x 14 mm	15 mm Ø x 12 mm	44 m Ø x 16 mm	29 mm Ø x 23 mm	29 mm Ø x 40 mm

MICROPHONES CAPSULES. ELECTRET CONDENSER

Electret condenser capsules.



	2212	2213	2214	2220	2221	2230	2230GR
CHARACTERISTICS	Omnidirectional electrets condenser capsule. Welded contacts.	Omnidirectional electret condenser capsule. Welded contacts.	Omnidirectional electret condenser capsule. Contact with pins.	Unidirectional electret condenser capsule. Welded contacts.	Unidirectional electret condenser capsule, noise cancelling. Welded contacts.	Shock absorbing protection for electret condenser microcapsules mod. 2213 and 2214. Manufactured in black PVC. Protects and insulates.	Shock absorbing protection for electret condenser microcapsules mod. 2213 and 2214. Manufactured in black PVC. Protects and insulates.
RESPONSE	50-8000 Hz	50-10 000 Hz	50-10 000 Hz	50-15 000 Hz	60-10 000 Hz	-	-
SENSITIVITY	-42 dB (V/Pa) at 1 kHz	-40 dB (V/Pa) at 1 kHz	-40 dB (V/Pa) at 1 kHz	-47 dB ±4 dB (V/Pa) at 1 kHz	-54 dB ±4 dB (V/Pa) at 1 kHz	-	-
IMPEDANCE	1000 Ω maximum	300-5000 Ω maximum	300-5000 Ω maximum	600-2000 Ω	600-2000 Ω	-	-
POWER SUPPLY	2 to 8 V	1.5 to 15 V	1.5 to 15 V	Standard 1.5 V	Standard 1.5 V	-	-
DIMENSIONS	6 mm Ø x 6 mm	10 mm Ø x 6.8 mm	10 mm Ø x 6.8 mm	9.7 mm Ø x 5.5 mm	9.7 mm Ø x 5.5 mm	-	-
OPTIONAL	-	2230: insulating protector	2230: Insulating protector	-	-	-	-
PACKAGING	-	-	-	-	-	10 unit blister pack	100 unit blister pack

ACCESSORIES. MICROPHONES STANDS

FONESTAR

Adjustable microphone stands.



	RS-603	RS-8	RS-8N	RS-10	RS-11	RS-201N
CHARACTERISTICS	Microphone stand with base with 3 folding legs. Standard 5/8" thread. Metal base.	Microphone stand with round base. Standard 5/8" thread. Metal base. Metal height adjustment piece.	Microphone stand with round base. Standard 5/8" thread. Metal base. Metal height adjustment piece.	Microphone stand with tripod base. Standard 5/8" thread. Metal base. Metal height adjustment piece.	Microphone stand with base with 3 screw-on legs. Standard 5/8" thread. Metal base. Metal height adjustment piece.	Microphone stand with base with 3 folding legs. 5/8" standard thread and 3/8" thread adapter. Plastic base.
HEIGHT	Adjustable 83 to 154 cm	Adjustable 85 to 155 cm	Adjustable 85 to 155 cm	Adjustable 85 to 155 cm	Adjustable 90 to 160 cm	Adjustable 89 to 160 cm
COLOUR	Chrome	Chrome	Black	Chrome	Chrome	Black
WEIGHT	1.8 kg	3.7 kg	3.7 kg	3.7 kg	3.1 kg	1.7 kg

ACCESSORIES. MICROPHONES STANDS

Adjustable microphone stands.



RS-9XLR + FCM-735

	RS-9XLR	RS-214N	RS-216N	RS-218N
CHARACTERISTICS	Microphone stand with round base. Specially designed for gooseneck microphones with XLR connector. Input and output through XLR connectors. Metal base. Metal height adjustment piece.	Microphone stand with tripod base. Quick height adjustment. 5/8" standard thread. Metal base.	Adjustable microphone stand with base with 3 folding legs. Quick height adjustment. Standard 3/8" thread and mount for microphone. Metal base.	Adjustable microphone stand with base with 3 folding legs. Quick height adjustment. Standard 3/8" thread and microphone mount. Metal base.
POWER SWITCH	On/off	-	-	-
HEIGHT	Adjustable 90 to 140 cm	Adjustable 95 to 155 cm	Adjustable 95 to 155 cm	Adjustable 95 to 156 cm
COLOUR	Black	Black	Black	Black
WEIGHT	4.2 kg	4 kg	2.8 kg	2.8 kg
OBSERVATIONS	The FCM-736 LED ring does not switch off	-	-	-

Adjustable microphone stands with boom arm.



RS-602

RS-140N

RS-141N **N!**

MS-130N

CHARACTERISTICS	Microphone stand with round cast-iron base and boom arm. Standard 5/8" thread. Metal base. Metal boom-stand joint. Metal height adjustment piece.	Adjustable microphone stand with base with 3 folding legs, and extendable boom. Standard 3/8" thread and microphone mount. Plastic base. Plastic boom-stand joint.	Adjustable microphone stand with base with 3 foldable legs and extendable boom arm. Standard 3/8" thread and 5/8" thread adapter. Metal base. Metal boom-stand joint.	Microphone stand with base with 3 folding legs and 83 cm boom arm. Standard 5/8" thread and 3/8" thread adapter. Metal base. Metal boom-stand joint.
HEIGHT	Adjustable 95 to 165 cm	Adjustable 93 to 216 cm	Adjustable 92 to 168 cm	Adjustable 90 to 160 cm
BOOM	77 cm	Adjustable 52 to 91 cm	Adjustable 46 to 84 cm	83 cm
COLOUR	Chrome	Black	Black	Black
WEIGHT	4.3 kg	1.9 kg	2.4 kg	2.4 kg

ACCESSORIES. MICROPHONES STANDS

Adjustable microphone stands with boom arm.



RS-604



RS-1



RS-1N

CHARACTERISTICS	Microphone stand with base with 3 folding legs and boom arm. Double use for 1 or 2 microphones. 5/8" standard thread. Metal base. Plastic boom-stand joint. Metal height adjustment piece.	Microphone stand with base with 3 folding legs and boom. Double use for 1 or 2 microphones. 5/8" standard thread. and 3/8" thread adapter. High quality. Metal base. Metal boom-stand joint.	Microphone stand with base with 3 folding legs and boom arm. Double use for 1 or 2 microphones. Standard 5/8" thread. Metal base. Metal boom-stand joint.
HEIGHT	Adjustable 95 to 160 cm	Adjustable 95 to 160 cm	Adjustable 90-160 cm
BOOM	77 cm	83 cm	80 cm
COLOUR	Chrome	Chrome	Black
WEIGHT	2.4 kg	2.9 kg	3.2 kg



MS-120N



RS-101

CHARACTERISTICS	Microphone stand with base with 3 folding legs and extendable boom arm. 5/8" standard thread. Specially for instruments. Metal base. Metal boom-stand joint.	Boom arm for 5/8" female standard thread for the end of the tube. 5/8" standard thread for microphone. Metal boom-stand joint.
HEIGHT	Adjustable 31 to 45 cm	-
BOOM	43 to 79 cm	90 cm
COLOUR	Black	Chrome
WEIGHT	1.8 kg	0.7 kg

RS-74

CHARACTERISTICS	Anti-shock flush mount with 3 holes for screwing in. With 19 mm Ø hole for FONESTAR mics. mods. FCM-734, FCM-736 and similar. Installation hole: 51 mm Ø.
COLOUR	Black



ACCESSORIES. BASES WITH STANDARD 5/8" THREAD

Microphone desktop stands.



AD-12

CHARACTERISTICS	Round screw down base, with 3 holes. 4.5 cm Ø for microphones and goosenecks. 5/8" standard thread.
HEIGHT	-
COLOUR	Black
WEIGHT	-



MS-200

CHARACTERISTICS	Desktop base with 3 folding legs. 5/8" standard thread.
HEIGHT	8 cm
COLOUR	Chrome
WEIGHT	0.1 kg



MS-200N

CHARACTERISTICS	Table stand with 3 folding legs. Standard 5/8" thread
HEIGHT	8 cm
COLOUR	Black
WEIGHT	0.1 kg



RS-5P

CHARACTERISTICS	Desktop base with 3 folding legs and 12 cm tube. 5/8" standard thread.
HEIGHT	19 cm
COLOUR	Chrome
WEIGHT	0.2 kg



DS-14

CHARACTERISTICS	Desktop base with 8 cm tube. 5/8" standard thread. Metal base.
HEIGHT	11 cm
COLOUR	Chrome
WEIGHT	0.7 kg



RS-611

CHARACTERISTICS	15 cm Ø desktop base with 10 cm tube. 5/8" standard thread. Metal base.
HEIGHT	12 cm
COLOUR	Chrome
WEIGHT	1 kg



RS-611N

CHARACTERISTICS	15 cm Ø desktop base with 10 cm tube. 5/8" standard thread. Metal base.
HEIGHT	12 cm
COLOUR	Black
WEIGHT	1 kg



RS-155

CHARACTERISTICS	16 cm Ø desktop base with 8 cm tube. Standard 5/8" thread. Metal base.
HEIGHT	11 cm
COLOUR	Chrome
WEIGHT	1.3 kg

ACCESSORIES. BASES WITH STANDARD 5/8" THREAD

Microphone desktop stands.



	RS-612	RS-612N	RS-151	RS-150
CHARACTERISTICS	15 cm Ø desktop base with extendable tubes. Standard 5/8" thread and adapter for 3/8" thread. Metal base.	15 cm Ø desktop base with extendable tubes. Standard 5/8" thread and adapter for 3/8" thread. Metal base.	16 cm Ø desktop base with extendable tubes. Standard 5/8" thread. Metal base.	16 cm Ø desktop base. Standard 5/8" thread. Metal base.
HEIGHT	Adjustable 22 to 38 cm	Adjustable 22 to 38 cm	Adjustable 25-39 cm	3 cm
COLOUR	Chrome	Black	Chrome	-
WEIGHT	1.2 kg	1.2 kg	1.4 kg	1.2 kg



	RS-157	RS-330	RS-331
CHARACTERISTICS	Desktop stand with boom arm. Round 16 cm base. Standard 5/8" thread. Metal base. Plastic boom-stand joint.	Desktop base specially for microphones with long gooseneck. 5/8" standard thread. Metal base.	Desktop base with 8 cm tube. 5/8" standard thread. Metal base.
HEIGHT	Adjustable 35-49 cm	4 cm	12 cm
BOOM	36 cm	-	-
COLOUR	Black	-	Chrome
WEIGHT	1.9 kg	2.4 kg	2.4 kg


RS-613

RS-613N

RS-153G

RS-150G

CHARACTERISTICS	Desktop base with chrome gooseneck for microphone. 15 cm Ø base. 5/8" standard thread and adapter for 3/8" thread. Metal base.	Desktop stand with black gooseneck for microphone. 15 cm Ø base. Standard 5/8" thread and adapter for 3/8" thread. Metal base.	Desktop microphone base with black gooseneck. Standard 5/8" thread. Metal base.	Desktop microphone base with black gooseneck. 16 cm Ø base. Standard 5/8" thread. Metal base.
HEIGHT	35 cm	35 cm	35 cm	35 cm
COLOUR	Chrome	Black	Black	Black
WEIGHT	1.3 kg	1.3 kg	0.9 kg	1.5 kg

RA-8 + FCM-740



RA-9 + FCM-740



XLR

XLR

5/8"


RA-8
RA-9
RA-13
RA-72

CHARACTERISTICS	Clip style microphone base for microphones with standard 5/8" thread. Maximum thickness of table or lectern to be clipped on to: 40	Adjustable microphone base for microphones with standard 5/8" thread. Maximum thickness of table or lectern to be screwed on to: 35	Screw on microphone base for microphones with standard 5/8" thread.	Female XLR to male XLR adapter for gooseneck microphones, with standard 5/8" thread for microphone stand or base. XLR connector output on reverse.
POWER SWITCH	-	-	-	On/off
COLOUR	Black	Black	Black	Black
WEIGHT	0.2 kg	0.1 kg	-	0.1 kg
OBSERVATIONS	-	-	-	Does not turn off the LED ring on the FCM-736 microphone

ACCESSORIES. BASES WITH XLR CONNECTOR

Desktop microphone bases with XLR connector.



RS-161

CHARACTERISTICS	Shock-resistant desktop stand. Especially for gooseneck microphones with XLR connector. Input and output through XLR connectors.
COLOUR	Black
WEIGHT	1.3 kg



RS-162

CHARACTERISTICS	Shock-resistant table stand for dynamic or condenser microphone. Especially for gooseneck microphones with XLR connector. Input and output through XLR connectors.
POWER SWITCH	On/off
COLOUR	Black
WEIGHT	1.3 kg
OBSERVATIONS	LED ring on mod. FCM-736 does not switch off



RS-163

CHARACTERISTICS	4.5 cm Ø round table stand. With 3 holes for screws. With female XLR connector for microphones and goosenecks with XLR connector.
COLOUR	Black



RS-165

CHARACTERISTICS	Shock-resistant table stand for dynamic or condenser microphone. Especially for gooseneck microphones with XLR connector. Input and output through XLR connectors.
POWER SWITCH	On/off
COLOUR	Black
WEIGHT	1.2 kg
OBSERVATIONS	LED ring on mod. FCM-736 does not switch off

RS-166B

CHARACTERISTICS	Shock-resistant table stand, especially for gooseneck microphones with XLR connector. LED power indicator. Input and output through XLR connectors.
POWER SWITCH	On/off
INDICATOR	Operating
POWER SUPPLY	Phantom 9 to 52 V DC for circuit and LED indicator power supply
COLOUR	White
WEIGHT	0.7 kg
OBSERVATIONS	LED ring on mod. FCM-736 does not switch off



RS-167

CHARACTERISTICS	Shock-resistant desktop base for gooseneck microphones with XLR connector. LED power indicator. Input and output through XLR connectors.
POWER SWITCH	On/off and PTT/PTL
INDICATOR	Power
POWER SUPPLY	Phantom 24 to 48 V DC for circuit power supply and LED indicator (48 V DC recommended)
COLOUR	Black
WEIGHT	1.2 kg
OBSERVATIONS	Not compatible with the FCM-736 microphone



Desktop base with on/off switch for dynamic or condenser microphone. Condenser microphone power supply using phantom or batteries. Electret condenser microphones can be used in dynamic microphone inputs.

RS-169

CHARACTERISTICS	Desktop base for dynamic or condenser microphones with phantom or 3 V DC power supply. Switch and circuit which allows use of external phantom power supply or internal 3 V DC for electret condenser microphones. Allows use of electret condenser microphones in dynamic microphone inputs. Especially for gooseneck microphones with XLR connector. Internal shock-resistant system. Input and output through XLR connectors.
CONTROLS	On/off switch. Microphone selector: dynamic, condenser with external phantom power supply or condenser with internal 3 V DC power supply.
POWER SUPPLY	3 V DC 2 x 1.5 V LR6-AA batteries
DIMENSIONS	110 x 40 x 150 mm depth
WEIGHT	1.4 kg
OBSERVATIONS	The LED ring on the FCM-736 microphone does not turn off.



ACCESSORIES. ADAPTERS

Adapters for microphone stands and bases.



	RA-5	RA-6	RA-65
CHARACTERISTICS	Microphone adapter. Attaches to the stand. Standard 5/8" thread	Adapter to attach 2 or 3 microphones to the stand or base. Standard 5/8" thread	Adapter to attach 4 or 5 microphones to the stand or base. Standard 5/8" thread
WEIGHT	0.2 kg	0.2 kg	0.3 kg

ACCESSORIES. STANDARD 5/8" THREAD ADAPTERS

5/8" and 3/8" thread adapters for mic. stands, bases or mounts.



	AD-4	AD-7	AD-8	AD-10N	AL-10	AL-11	AL-12
CHARACTERISTICS	Standard 5/8" male thread adapter.	Adapter tube. Double standard 5/8" male thread.	Adapter tube. Standard 5/8" male to female thread.	Adapter tube. Double standard 5/8" male thread.	3/8" female thread to standard 5/8" male thread adapter, with limit.	3/8" female thread to standard 5/8" male thread adapter.	3/8" male thread to standard 5/8" female thread adapter.
LENGTH	2 cm	7.5 cm	10 cm	10.5 cm	-	-	-
COLOUR	Black	Chrome	Chrome	Black	Chrome	Chrome	Chrome

ACCESSORIES. GOOSENECKS

Microphone goosenecks with standard 5/8" thread.

	GN-6	GN-13	GN-19
CHARACTERISTICS	15 cm long gooseneck. Standard 5/8" thread.	33 cm long gooseneck. Standard 5/8" thread.	50 cm long gooseneck. Standard 5/8" thread.
WEIGHT	0.1 kg	0.3 kg	0.4 kg



ACCESSORIES. VARIOUS

Microphone accessories.



T-1



CLIP-2



2346

CHARACTERISTICS	High/low impedance transformer for internal microphone replacements.	Metal lapel or tie clip for miniature microphones. 12mm Ø ring for microphones, with adjustable spring. Black matt finish.	Metal support clip for radio microphones.
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2355



2356



2357

CHARACTERISTICS	Coiled cable for radio microphone replacements.	Coiled cable for radio microphone replacements.	Coiled cable for radio microphone replacements.
CABLE	3 tinsel and shield conductors	5 tinsel and shield conductors	3 tinsel and shield conductors
LENGTH	1.8 m when extended	2 m when extended	3.2 m when extended

ACCESSORIES. MICROPHONES, CLAMPS, GRIPS AND CLIPS

Stands for microphones with standard 5/8" thread.



CHARACTERISTICS	
YH-1	Microphone cradle. 18 mm Ø. 5/8" standard thread
YH-2	Microphone Cradle. 22 mm Ø. 5/8" standard thread
YH-3	Microphone clamp. 5/8" standard thread
YH-4	Microphone clip adapter. 5/8" standard thread
YH-6	Microphone stand or base support. 26 mm Ø. 5/8" standard thread
YH-11	Microphone stand or base support. Flexible rubber. 32 mm Ø. 5/8" standard thread
YH-14	Mic. stand. Clip adapter. 5/8" standard plastic thread
YH-15	Mic. stand. Anti-shock system. 19-54 mm Ø. 5/8" standard thread
YH-16	Microphone cradle. Especially for wireless microphones. 32-40 mm Ø. 5/8" standard thread

ACCESSORIES. WINDSHIELDS

Microphone accessories.



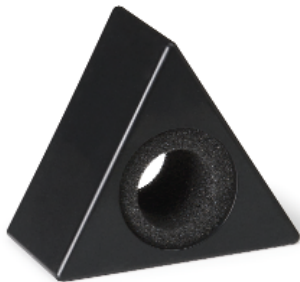
	CHARACTERISTICS	DIAMETER	HEIGHT	OTHERS
YS-1	Foam windshield ball.	Interior: 20 mm Exterior: 40 mm	55 mm	
YS-2	Foam windshield ball.	Interior: 22 mm Exterior: 45mm	65 mm	
YS-3	Foam windshield ball.	Interior: 40 mm Exterior: 54 mm	60 mm	
YS-4	Foam windshield ball.	Interior: 32 mm Exterior: 42 mm	60 mm	
YS-5	Foam windshield ball.	Interior: 40 mm Exterior: 60 mm	70 mm	
YS-6	Foam windshield ball.	Interior: 42 mm Exterior: 60 mm	70 mm	
YS-7	Foam windshield ball.	Interior: 28 mm Exterior: 42 mm	60 mm	
YS-8	Foam windshield.	Interior: 20 mm Exterior: 39 mm	150 mm	For use on tubular microphones
YS-9	Miniature foam windshield ball.	Interior: 10 mm Exterior: 21 mm	30 mm	For use on miniature microphones
YS-10	Foam windshield ball.	Interior: 12 mm Exterior: 28 mm	53 mm	
YS-11	Miniature foam windshield ball.	Interior: 6 mm Exterior: 14 mm	14 mm	For use on miniature microphones
YS-12	Foam windshield ball.	Interior: 9 mm Exterior: 30 mm	45 mm	For use on FCM-734, FCM-736, FCM-738, FCM-764 and similar microphones
YS-14	Foam windshield ball.	Interior: 6 mm Exterior: 20 mm	20 mm	For use on miniature microphones
YS-16	Foam windshield ball.	Interior: 10 mm Exterior: 20 mm	23 mm	For use on FCM-16 and similar microphones
YS-17	Foam windshield ball.	Interior: 15 mm Exterior: 28 mm	31 mm	For use on FDM-621, FCM-611 and similar microphones
YS-18	Foam windshield.	Interior: 15 mm Exterior: 27 mm	150 mm	For use on FCM-745, FCM-768, FCM-770 and similar microphones



	COLOUR	DIAMETER	HEIGHT
YS-15-AM	Yellow	Interior: 55 mm Exterior: 80 mm	100 mm
YS-15-AZ	Blue	Interior: 55 mm Exterior: 80 mm	100 mm
YS-15-NE	Black	Interior: 55 mm Exterior: 80 mm	100 mm
YS-15-RO	Red	Interior: 55 mm Exterior: 80 mm	100 mm
YS-15-VE	Green	Interior: 55 mm Exterior: 80 mm	100 mm

ACCESSORIES. MICROPHONE FLAGS

Flags for hand-held microphones, with flexible foam interior for perfect and easy fitting.
For holding the microphone in the hand or standing it on the table, showing the publicity at all times.
Recommended for press conferences, interviews, etc.



MT-3



MT-3B

	MT-3	MT-3B
CHARACTERISTICS	Triangular flag for hand-held microphone. Flexible foam interior	Triangular flag for hand-held microphone. Flexible foam interior
DIMENSIONS	82 x 56 x 94 mm depth Adjustable interior diameter from 33 to 44 mm	82 x 56 x 94 mm depth Adjustable interior diameter from 33 to 44 mm
COLOUR	Black	White
OPTIONAL	Supply and positioning of logos possible. Please enquire	Supply and positioning of logos possible. Please enquire



MT-4B

CHARACTERISTICS	Cube flag for hand-held microphone. Flexible foam interior.
DIMENSIONS	57 x 56 x 57 mm depth Adjustable interior diameter from 33 to 44 mm
COLOUR	White
OPTIONAL	Supply and positioning of logos possible. Please enquire

