

TG 500H-D

UHF Handheld Transmitter with Dynamic Microphone Capsule

FEATURES

- Ergonomic design and programmable power lock
- Infrared interface to transmit settings from the receiver to the transmitter
- Dynamic TG V50 capsule with cardioid polar pattern
- LC display
- 2-stage gain switch
- Programmable mute button
- Battery power LED
- Operating time: approx. 10 hours with 2 x 1.5 V AA batteries
- Transmission range up to 120 m
- Synchronisation of receiver and transmitter in less than one second
- Charging contacts for WA-CD charger
- Pilot tone function
- Supplied with batteries and transport bag

DESCRIPTION

The ergonomic handheld transmitters provide a good grip and are practical in use with a weight of only 230 grams (without batteries). The transmission power can be switched between 10 mW and 50 mW. Settings are simple to configure on the receivers and are transmitted quickly and easily to the transmitters via infrared synchronisation. The integrated pilot tone function ensures interference-free transmission and warns when the battery power is running low. All transmitters are equipped with an LC display and have a programmable mute button.

A 10-hour battery operating time ensures uninterrupted operation, even during extended events. As an alternative to alkaline batteries, the transmitters can be operated with standard NiMH batteries, which can be recharged using the optional WA-CD charger without having to remove them from the transmitters.

VERSIONS

- TG 500H-D Handheld transmitter with dynamic cardioid TG V50 capsule,
518 – 548 MHz Order # 712.167
- TG 500H-D same as above, but
606 – 636 MHz Order # 712.175
- TG 500H-D same as above, but
794 – 832 MHz Order # 712.159
- TG 500H-D same as above, but
925 – 937.5 MHz* Order # 712.183
- TG 500H-D same as above, but
1,785 – 1,805 MHz. Order # 712.191

*For South Korean market only!



TG 500H-D

SETS

TG 550	Set consisting of: TG 500H-D handheld transmitter with dynamic cardioid TG V50 capsule and batteries TG 500SR single channel receiver with power adapter, two antennas and rack mount kit, 518 – 548 MHz Order # 712.515
TG 550	same as above, but 606 – 636 MHz . . . Order # 712.523
TG 550	same as above, but 794 – 832 MHz . . . Order # 712.531
TG 550	same as above, but 925 – 937.5 MHz* . Order # 712.558
TG 550	same as above, but 1,785 – 1,805 MHz. Order # 712.566

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OPTIONAL ACCESSORIES

WA-MS	Coloured ring set consisting of 6 rings (black, red, yellow, green, white, blue) Order # 711.152
WA-CD	Charger for handheld and beltpack transmitters with 4 charging compartments and control via Ethernet Order # 711.144

TECHNICAL SPECIFICATIONS

System

Frequency range	518 – 548 MHz 606 – 636 MHz 794 – 832 MHz 925 – 937.5 MHz* 1,785 – 1,805 MHz
Transmission range	up to 120 m (line of sight)
Number of the simultaneously active channels	max. 72 (when using all 4 bands)
Audio frequency response	45 – 15 kHz
Audio dynamic range	106 dB (A-weighted)
Operating principle	Analogue wireless microphone system with diversity receiver

UHF handheld transmitter

Display	LCD
Power supply	2 x AA NiMH or 2 x 1.5 V alkaline batteries
Operating time	approx. 10 hrs.
Ambient temperature	0 to +55 °C
Transmitting power	10 mW / 50 mW
Weight (without batteries)	230 g
Dimensions:	
Length with microphone capsule	263 mm
Shaft diameter	36 mm
Capsule diameter	53 mm

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