

# TG 500H-C

UHF Handheld Transmitter with Condenser Microphone Capsule

## FEATURES

- Ergonomic design and programmable power lock
- Infrared interface to transmit the settings from the receiver to the transmitter
- TG V56 condenser 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 180 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-C	Handheld transmitter with cardioid TG V56 condenser capsule, 518 – 548 MHz . . . . .	Order # 712.205
TG 500H-C	same as above, but 606 – 636 MHz . . . . .	Order # 712.213
TG 500H-C	same as above, but 794 – 832 MHz . . . . .	Order # 712.221
TG 500H-C	same as above, but 925 – 937.5 MHz* . . . . .	Order # 712.248
TG 500H-C	same as above, but 1,785 – 1,805 MHz . . . . .	Order # 712.264

\*For South Korean market only!



# TG 500H-C

## SETS

TG 556	Set consisting of: TG 500H-C handheld transmitter with cardioid TG V56 condenser capsule and batteries TG 500SR single channel receiver with power adapter, two antennas and rack mount kit, 518 – 548 MHz . . . . . Order # 712.574
TG 556	same as above, but 606 – 636 MHz . . . Order # 712.582
TG 556	same as above, but 794 – 832 MHz . . . Order # 712.590
TG 556	same as above, but 925 – 937.5 MHz* . Order # 712.604
TG 556	same as above, but 1,785 – 1,805 MHz. Order # 712.612

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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)
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Audio frequency response . . . . .	45 – 15 kHz
Audio dynamic range . . . . .	106 dB (A-weighted)

Operating principle . . . . .	Analogue wireless microphone system with diversity receiver
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### UHF handheld transmitter

Display . . . . .	LCD
Power supply . . . . .	2 x AA NiMH or 2 x 1.5 V alkaline batteries

Operating time . . . . .	approx. 10 hrs.
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Ambient temperature . . . . .	0 to +55 °C
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Transmitting power . . . . .	10 mW / 50 mW
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Weight (without batteries) . . . . .	180 g
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### Dimensions:

Length with microphone capsule . . . . .	265 mm
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Shaft diameter . . . . .	36 mm
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Capsule diameter . . . . .	48 mm
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