

# 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 1,780 – 1,810 MHz. . . . . Order # 712.191



# 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 1,780 – 1,810 MHz. Order # 712.566

## OPTIONAL ACCESSORIES

WA-MS	Coloured ring set consisting of 6 rings (black, red, yellow, green, white, blue) . . . . . Order # 711.152
WA-CKF	Connecting cables to mount the antennas on the front . . . . . Order # 711.527

## TECHNICAL SPECIFICATIONS

### System

Frequency range . . . . .	518 – 548 MHz 606 – 636 MHz 794 – 832 MHz 1,780 – 1,810 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 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