

# TG 500 FLEXIBLE COMPANION FOR A GREAT PERFORMANCE

PROFESSIONAL  
WIRELESS SYSTEM



GREAT  
PERFORMER



## TG 500 WIRELESS SYSTEM GREAT PERFORMER

### TG 500 – Flexible companion for a great performance!

With its five sets, the wireless system TG 500 is an all-rounder. Whether for performances on smaller stages, theater productions or speeches, the various sets always ensure perfect performance. While the vocal set with the dynamic TG V50 handheld transmitter is ideally suited for singing, the vocal set with the TG V56 condenser handheld transmitter offers an ideal solution for presentations. An unobtrusive positioning of the microphone in lectures makes the TG L58 lavalier microphone in the

presenter set possible. The perfect companion for theater productions is the headworn set with the TG H34 headset microphone. The instrument set with included WA-CGI instrumental cable is ideal for professional miking of guitar and bass. With the included rack mount kit, the 9.5" single receiver can be easily installed in a rack and also offers the possibility to mount 2 receivers in one rack unit. For all users who want to use multiple channels, a dual receiver with integrated antenna splitter is available.

## AVAILABLE SETS



### TG 550 Vocal Set

- TG 500SR (Single receiver)
- TG 500H-D (Handheld transmitter with dynamic TG V50 capsule)
- Microphone clamp
- Antennas
- Batteries
- Power supply
- Rack mount kit



### TG 556 Vocal Set

- TG 500SR (Single receiver)
- TG 500H-C (Handheld transmitter with condenser capsule TG V56)
- Microphone clamp
- Antennas
- Batteries
- Power supply
- Rack mount kit



#### License Free

The wireless system TG 500 can be used almost worldwide without a license.



#### Great Design

Particularly pleasant to use is the high-quality haptics of the transmitters and the receiver. Likewise, the system shines in a simple, appealing design.



#### 120 m Range

With a range of up to 120 meters, TG 500 offers much more freedom than similar systems.



#### 10 h Battery Operation

With a battery operation of 10 hours there is no need for concern regarding extensive encores or longer events.



#### Up to 40 MHz Switching Bandwidth

Due to the enormous bandwidth of up to 40 MHz and a wide range of frequency bands, the wireless system is usable everywhere on the world. der Welt einsetzbar.



#### Infrared Synchronization

The settings of the transmitter can easily be done at the receiver and are quickly transferred by infrared synchronization to the transmitter.



#### Antenna Diversity

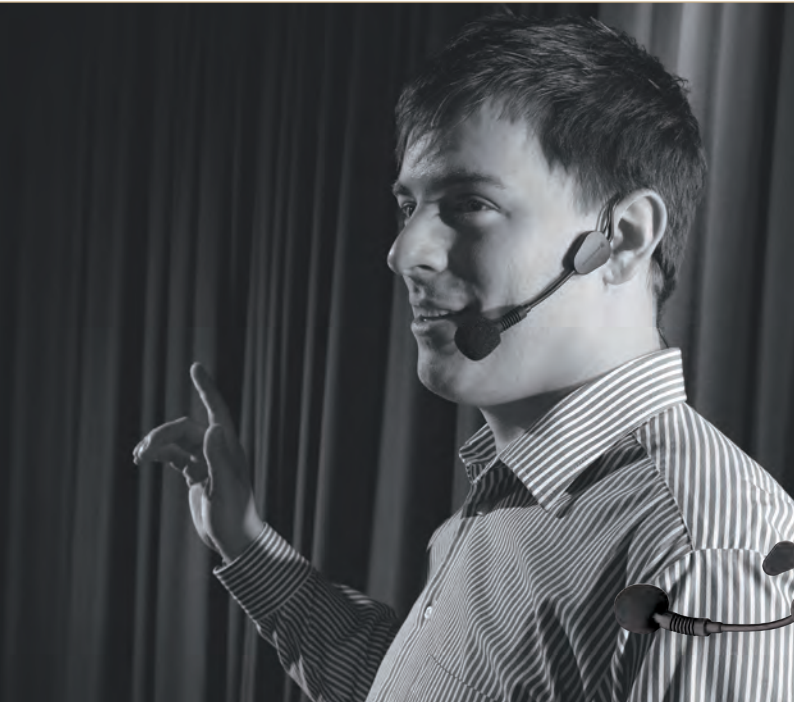
Even in a complex environment, the antenna diversity ensures best signal reception and avoids unpredictable interruptions.



#### Pilot Tone Function

The pilot tone prevents noise and assures user-friendly handling. The TG 500 wireless system uses the pilot tone to identify a correct signal for improved interference-free transmission and to transmit a low battery warning as well as the audio mute information to the receiver.

TG 500 WIRELESS SYSTEM



## AVAILABLE SETS



### TG 510 Instrument Set

- TG 500SR (Single receiver)
- Instrumental cable WA-CGI
- TG 500B (Belt pack transmitter)
- Microphone clamp
- 1 pair detachable antennas
- Rack mount kit



### TG 558 Presenter Set

- TG 500SR (Single receiver)
- Lavalier microphone TG L58
- TG 500B (Belt pack transmitter)
- Antennas
- Batteries
- Power supply
- Rack mount kit



### TG 534 Headworn Set

- TG 500SR (Single receiver)
- Neck worn microphone TG H34
- TG 500B (Belt pack transmitter)
- Antennas
- Batteries
- Power supply
- Rack mount kit



#### No battery change required

The handheld and beltpack transmitters can be operated with standard NiMH batteries and charged with the optionally available charger (WA-CD).



#### Mixed Output

For a combination of the two audio channels of the dual-receiver to a physical output no additional mixing is necessary thanks to mixed output.



#### Antenna Phantom Power

The phantom power of the dual receiver allows easy use of active remote antennas.



#### Also suitable for larger installations

Four available band variants enable the use of up to 72 channels simultaneously.



#### Intuitive Operating Elements

Intuitive operating elements provide a user-friendly menu navigation.



#### Robust Housing

The robust metal housing of the receiver protects against damage during use.

## Technical Specifications

### TG 500 Wireless System

Frequency Ranges	518 – 548 MHz
	606 – 636 MHz
	794 – 832 MHz
	1780 – 1810 MHz
Transmission Range	Up to 120 meters (line of sight)
Compatible frequencies per range	Up to 18
Frequency Response	45 – 15 kHz
Dynamic Range	100 dB (A-weighted)

### TG 500SR Single Receiver

Audio output level	max. +7 dBu
Display	Backlight LCD
Power Supply	100 – 240 V AC external power supply
Power Consumption	3 W (typ.)
Ambient temperature	0 bis + 55 °C
Weight	960 g
Dimensions	200 x 175 x 42 mm
Antenna connection	2x BNC input

### TG 500DR Dual Receiver

Audio output level	max. +7 dBu
Display	Backlight LCD
Power Supply	100 – 240 V AC internal power supply
Power Consumption	11 W (typ.)
Ambient temperature	0 bis + 55 °C
Weight	2100 g
Dimensions	400 x 175 x 42 mm
Antenna connection	2x BNC input
Antenna remote power supply	8 V DC / 150mA

### TG 500 Handheld Transmitter

Display	LCD
Power Supply	2x AA NiMH or Alkaline battery
Operating time	Approx. 10 h
Ambient temperature	0 bis + 55 °C
Transmitting power	10 mW / 50 mW
Weight	180 g (H-C, without batteries)
	230 g (H-D, without batteries)
Dimensions	Length incl. mic capsule TG 500H-D 260 mm / ø 36 mm 500H-C 263 mm / ø 36 mm

### TG 500B Beltpack Transmitter

Display	LCD
Power Supply	2x AA NiMH or Alkaline battery
Operating time	Approx. 10 h
Ambient temperature	0 bis + 55 °C
Transmitting power	10 mW / 50 mW
Weight	85 g (without batteries)
Dimensions	90 x 59 x 26 mm (integral antenna not considered)

