

# TG 500SR

UHF Single Diversity Receiver



Front view



Rear view

## FEATURES

- Intuitive, user-friendly menu structure
- Up to 40 MHz switching bandwidth
- Infrared interface for transmitting settings from the receiver to the transmitter
- Backlit LC display
- Status display (battery, frequency, name)
- Scan function
- BNC antenna outputs
- XLR and jack output (balanced)
- Detachable BNC antennas
- Pilot tone function

## SUPPLIED ACCESSORIES

Power adapter  
Quick start guide  
2 x antennas  
Rack mount kit

## DESCRIPTION

The heart of each beyerdynamic TG 500 wireless system is an attractively designed receiver with a robust metal housing and a clear parameterised front panel. Intuitively operating elements in combination with a backlit LC display enable a particularly user-friendly menu navigation. The frequency response of the system is from 45 to 15 kHz. A balanced XLR output and a balanced jack output are provided as analogue audio ports. When mounting the single receiver into a 19" rack it requires 1 U; the supplied rack mount kit allows two 9.5" devices to be installed in one rack.

## VERSIONS

TG 500SR	Single diversity receiver, 518 – 548 MHz . . . . .	Order # 712.272
TG 500SR	same as above, but 606 – 636 MHz . . . . .	Order # 712.280
TG 500SR	same as above, but 794 – 832 MHz . . . . .	Order # 712.299
TG 500SR	same as above, but 925 – 937.5 MHz* . . . . .	Order # 712.302
TG 500SR	same as above, but 1,785 – 1,805 MHz . . . . .	Order # 712.310

\*For South Korean market only!

# TG 500SR

## OPTIONAL ACCESSORIES

### Antennas

WA-ATO Wideband omnidirectional antenna for wireless systems with BNC connection, 470 – 790 MHz . . . . . Order # 711.586

### Antenna splitter / combiner

WA-AS4 4-way antenna splitter for wireless systems with BNC connection, 8 V DC antenna supply, internal power supply, incl. connecting cables and DC outputs for a maximum of two TG 500SR 470 – 1810 MHz . . . . . Order # 710.938

WA-ZAPD1 Passive 2-way combiner for wireless systems with BNC connection 470 – 790 MHz . . . . . Order # 711.217

### Cables

WA-AC25 BNC antenna cable, length 25 metres, low-attenuation Aircell 7 cable . . . Order # 711.578

WA-AC10 BNC antenna cable, length 10 metres, low-attenuation Aircell 7 cable . . . Order # 711.551

WA-AC5 BNC antenna cable, length 5 metres, low-attenuation Aircell 7 cable . . . Order # 711.543

WA-ADF Antenna front mounting adapter, 2 BNC adapters female/female, WA-CKL60 required for use . . . . . Order # 712.795

WA-CKL60 Connection cable set with 2 RG 58 connecting cables, 60 cm long, for cascading or antenna front mounting. . . . . Order # 712.809

## 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 . . . . . 18 per frequency band  
Audio frequency response . . . . . 45 – 15 kHz  
Audio dynamic range . . . . . 106 dB (A-weighted)  
Operating principle . . . . . Analogue wireless microphone system with diversity receiver

### Single receiver

Output level . . . . . max. +3 dBV / +5 dBu  
Display . . . . . 2 x LCD, white backlit  
Mains connection . . . . . 100 – 240 V AC with power adapter  
Power consumption . . . . . 3 W (typ.)  
Ambient temperature . . . . . 0 to +55 °C  
Weight . . . . . 960 g  
Dimensions . . . . . 200 x 175 x 42 mm  
Antenna connection . . . . . 2 x BNC input

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