

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

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 1,780 – 1,810 MHz.	Order # 712.310

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.

SUPPLIED ACCESSORIES

Power adapter
Quick start guide
2 x antennas
Rack mount kit

TG 500SR

OPTIONAL ACCESSORIES

Antennas

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

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-CKF Connecting cables to mount the antennas on the front, for TG 500 series. 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. 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