

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

*For South Korean market only!