TG 500SR
UHF Single Diversity Receiver

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

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 1U; 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!

SUPPLIED ACCESSORIES
- Power adapter
- Quick start guide
- 2 x antennas
- Rack mount kit
**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*

---

**OPTIONAL ACCESSORIES**

**Antennas**

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

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

**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

**Cables**

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

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

- **WA-AC5**
  - BNC antenna cable, length 5 metres, low-attenuation Aircell 7 . . . 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

---

beyerdynamic GmbH & Co. KG
Theresienstr. 8 | 74072 Heilbronn – Germany
Tel. +49 (0) 71 31 / 617 - 0 | Fax +49 (0) 71 31 / 617 - 204
info@beyerdynamic.de | www.beyerdynamic.com

For further distributors worldwide, please go to www.beyerdynamic.com
Non-contractual illustrations. Contents subject to change without notice. E3/TG 500SR (02.18)