

TG 100 Handheld Set

Set with VHF Diversity Receiver and Handheld Transmitter



FEATURES

TG 100R VHF Diversity Receiver

- Permanently attached telescopic antennae
- 8 switchable channels
- "SoundSwitch" for optimal audio quality without using additional high-end devices
- Power adapter 12 V DC

Front View

- Channel selector switch
- Volume control for audio output
- LEDs to display RF connection, battery state, audio signal, clipping, operation

Rear View

- Audio output, 3-pin XLR / 1/4" jack (6.35 mm)
- "SoundSwitch" change-over switch for vocals/guitar or speech
- Integrated strain relief for power cable
- 12 V DC connection for power adapter

TG 100H Handheld Transmitter

- Plastic housing
- Permanently attached TG V35d s microphone head
- Channel selector switch (8 channels)
- Selectable gain in two stages
- Integrated broadband antenna
- Powered by two AA batteries

APPLICATIONS

The wireless TG 100 Handheld Set includes the TG 100R diversity receiver and the TG 100H handheld transmitter. It is ideal for use on small stages, for touring applications and permanent installations. The set is easy to operate and therefore also useful for inexperienced users.

TG 100R VHF Diversity Receiver

The channel selector switch on the front of the receiver allows selecting one of eight channels. Three LEDs display an RF connection, the battery state of the transmitter, an occupied or vacant channel, an audio signal, clipping and the operating state of the device by different colours and modes.

The telescopic antennae are permanently attached to the front of the receiver. A weighting circuit ensures that an antenna is selected that supplies the better signal.

The level of the audio output is adapted to the input level of the amplifier or mixing console by using the volume control.

The receiver is powered by a 12 V DC power adapter.

TG 100H Handheld Transmitter

The channel selector switch and the gain switch are in the battery compartment of the ergonomically shaped TG 100H handheld transmitter. Furthermore, the TG 100H is provided with a silent on-off button. The colour of the backlit on-off button displays the state of the transmitter batteries. The transmitter is powered by two 1.5 V AA alkaline batteries, which allow an operating time of approx. 10 hours.

TG 100 Handheld Set

SUPPLIED ACCESSORIES

TG 100R diversity receiver with power adapter
Two alkaline batteries, AA, 1.5 V for the TG 100H handheld transmitter

OPTIONAL ACCESSORIES

Stands

GST 400 Microphone stand, 3/8",
height 0.90 - 1.65 m,
with G 400 boom. Order # 421.294
GST 500 Microphone stand, 3/8",
height 0.80 - 1.60 m,
with telescopic G 500 boom. Order # 406.252

TECHNICAL SPECIFICATIONS

TG 100R VHF Diversity Receiver

Operating principle Diversity Receiver
Frequency range Band 1 = 174 - 184 MHz,
Band 2 = 194 - 204 MHz
Band 3 = 213 - 223 MHz
Frequency response 100 Hz - 16 kHz
Dynamic range. 112 dB
Output level. max. 0 dBV (XLR and jack output)
Mains connection 100 V - 240 V AC;
12V DC power supply unit
Power consumption. 150 mA
Ambient temperature 0 to +55 °C
Weight. 250 g
Dimensions 143 x 100 x 41 mm
Antenna connection 2 x telescopic, permanently
attached antennae

VERSIONS

TG 100 Handheld Set consisting of:
TG 100R diversity receiver
and TG 100H handheld transmitter,
band 1,
174 - 184 MHz Order # 706.264
same as above, but band 2,
194 - 204 MHz Order # 706.272
same as above, but band 3,
213 - 223 MHz Order # 706.280

TG 100H Handheld Transmitter

Frequency range Band 1 = 174 - 184 MHz,
Band 2 = 194 - 204 MHz
Band 3 = 213 - 223 MHz
Frequency response 100 Hz - 16 kHz
Dynamic range. 112 dB
RF power. < 10 dBm
Transmission range. up to 100 metres under
optimal conditions
Operating time approx. 8 hrs. (2100 mAh)
Weight. 200 g without batteries
Dimensions Length 254 mm /
Shaft ø 36 mm
Microphone grille ø 50 mm