

TG 100 Beltpack Set

Set with VHF Diversity Receiver and Beltpack Transmitter



TG 100R diversity receiver – front view

TG 100R diversity receiver – rear view



TG 100B beltpack transmitter

FEATURES

TG 100R VHF Diversity Receiver

- Permanently attached telescopic antennae
- 8 switchable channels
- "SoundSwitch" for improved intelligibility of speech without using an external EQ
- Power adapter 12 V DC
- Version with UK power adapter available

Front View

- Channel selector switch
- Volume control for audio output
- LEDs to display RF connection, battery status, 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 100B Beltpack Transmitter

- Plastic housing
- LEDs to display operation and peaks
- Channel selector switch (8 channels)
- Selectable gain in three stages
- 4-pin mini XLR male connector for microphones or instruments
- Permanently attached antenna
- Detachable belt clip
- Powered by 2 AA batteries

APPLICATIONS

The wireless TG 100 Beltpack Set includes the TG 100R diversity receiver and the TG 100B beltpack transmitter. It is ideal for applications on stage such as moderations, presentations or in houses of worship. 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 100B Beltpack Transmitter

The 4-pin mini XLR male connector allows connecting microphones or instruments. The input signal can be adjusted to an optimal level with the gain switch in the battery compartment. Inside the battery compartment there is also a channel selector switch.

Furthermore, the TG 100B is provided with a silent on-off button and LEDs to display operation and peaks.

The beltpack transmitter is powered by two 1.5 V AA alkaline batteries, which allow an operating time of approx. 8 hours.

The cover of the battery compartment is provided with two magnets which ensure a secure fastening.

TG 100 Backpack Set

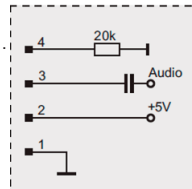
TECHNICAL SPECIFICATIONS

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

TG 100B Backpack Transmitter

Frequency range	Band 1 = 174 - 184 MHz, Band 2 = 194 - 204 MHz Band 3 = 213 - 223 MHz
Frequency response	100 Hz - 16 kHz
Transmitter power	< 10 mW erp
Dynamic range	110 dB
Transmission range	up to 100 metres under optimal conditions
Operating time	approx. 8 hrs. (NiMH 2100 mAh)
Input level	max. 1.2 V rms
Weight	102 g without batteries
Dimensions	94x59x26 mm
Pin assignment of 4-pin connector	



VERSIONS

TG 100 Backpack Set	consisting of: TG 100R diversity receiver and TG 100B backpack transmitter, band 1, 174 - 184 MHz Order # 704.903 same as above, but band 2, 194 - 204 MHz Order # 704.911 same as above, but band 3, 213 - 223 MHz Order # 704.938
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SUPPLIED ACCESSORIES

TG 100B backpack transmitter with TG H34 headset
Two alkaline batteries, AA, 1.5 V for the TG 100B backpack transmitter
TG 100R diversity receiver with power adapter
OR
UK version: TG 100R diversity receiver with power adapter and UK power adapter

OPTIONAL ACCESSORIES

Microphones

TG L58	Miniature condenser clip-on microphone, omnidirectional, capsule diameter 6 mm, with 4-pin mini XLR connector, black Order # 706.221
TG L58 tan	same as above, but beige . . . Order # 705.926
TG H34	Condenser headset microphone, cardioid, black, with 4-pin mini XLR connector. Order # 706.396
TG H54 (TG)	Condenser headset microphone, cardioid, black, with 4-pin mini XLR connector. Order # 708.313
TG H54 tan (TG)	same as above, but beige . . . Order # 708.321
TG H74 (TG)	Neckworn microphone, condenser, cardioid, 4-pin mini XLR connector, black Order # 708.364
TG H74 tan (TG)	same as above, but beige . . . Order # 708.372

Cable

WA-CGI	Connecting cable to connect instruments, with a mono 1/4" jack plug Order # 711.608
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Rackmount

TG 100	Rackmount Kit, 19", 1 U for max. 3 TG 100R receivers, for mounting in a 19" rack, incl. screws and blank panels . . . Order # 706.191
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TG 100 Beltpack Set

Power Supply Adapter for TG 100 UK version only

The "G" plug type is supplied with the TG 100 Handheld Set UK or TG 100 Beltpack Set UK version and can be used in the listed countries below.

Country	Plug type	Voltage (V)	Frequency (Hz)
Bahrain	G	230	50
Brunei	G	240	50
Falkland islands	G	240	50
Gambia	G	230	50
Grenada	G	230	50
Hongkong	G	220	50
Ireland	G	230	50
Kenya	G	240	50
Malawi	G	230	50
Malaysia	G	240	50
Malta	G	230	50
Seychelles	G	240	50
St Lucia	G	240	50
Uganda	G	240	50
Cyprus	G	240	50
United Kingdom	G	230	50