TS 601

Beltpack Transmitter



Features

- Plastic housing
- ACT function (Automatic Channel Targeting) for automatic frequency setting
- LC display to show the transmitter parameters
- MODE button to activate and select transmitter parameters
- MUTE button to mute the audio signal
- External MUTE connection for the external MJ-70 mute cable (optional)
- Adjustable input sensitivity, RF output power, mute function and locking function
- 4-pin mini XLR connector (male) for microphones or instruments
- Removable belt clip
- Supplied by two AA batteries (1.5 V)

Applications

The TS 601 beltpack transmitter is used for versatile applications such as musicians or actors on stage, presenters and moderators in meetings, sports events, hotels, universities and houses of worship. With the integrated, swivelling clip the TS 601 can be attached to belts, waist-bands or guitar straps.

The TS 601 operates in the frequency range 506 to 530 MHz, 598 to 622 MHz, 668 to 692 MHz, 710 to 734 MHz, 734 to 758 MHz, 758 to 782 MHz, 774 to 798 MHz or 808 to 832 MHz.

The 4-pin mini XLR connector is used to connect microphones or instruments. By using the MODE button the input sensitivity is adjusted for various microphones or instruments.

For muting the audio signal temporarily the TS 601 has a MUTE button and switchable MUTE function.

All transmitter parameters can be accessed and selected via the MODE button, which are displayed in the LC display. Furthermore, the battery status is also visible in the LC display at any time.

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Versions

TS 601	UHF beltpack transmitter, plastic housing, black, 506 - 530 MHz	Order # 708.607
TS 601	same as above, but 598 - 622 MHz	Order # 708.615
TS 601	same as above, but 668 - 692 MHz	Order # 708.631
TS 601	same as above, but 710 - 734 MHz	Order # 708.658
TS 601	same as above, but 734 - 758 MHz	Order # 708.666
TS 601	same as above, but 758 - 782 MHz	Order # 708.674
TS 601	same as above, but 774 - 798 MHz	Order # 708.682
TS 601	same as above, but 808 - 832 MHz	Order # 708.526

Optional Accessories

TG L34c	Miniature condenser clip-on microphone, cardioid, black, with 4-pin mini XLR connector, incl. wind shield	Order # 706.256
TG L55c	Miniature condenser clip-on microphone, omnidirectional, black, with 4-pin mini XLR connector, incl. wind shield	Order # 707.201
TG L55c tan	same as above, but beige	Order # 707.228
TG H54c	Condenser headset microphone, cardioid, black, with 4-pin mini XLR connector, incl. wind shield	Order # 707.058
TG H54c tan	same as above, but beige	Order # 707.066
TG H55c	Condenser headset microphone, omnidirectional, black, with 4-pin mini XLR connector, incl. wind shield	Order # 707.074
TG H55c tan	same as above, but beige	Order # 707.082
TG H74c	Neckworn microphone, condenser, cardioid, black, with 4-pin mini XLR connector, incl. wind shield	Order # 707.090
TG H74c tan	same as above, but beige	Order # 707.104
TG H75c	Neckworn microphone, condenser, omnidirectional, black, with 4-pin mini XLR connector, incl. wind shield	Order # 707.112
TG H75c tan	same as above, but beige	Order # 707.120
WA-CGI	Instrument cable, 4-pin mini XLR/1/4" jack (6.35 mm), length 80 cm, for wireless beyerdynamic systems	Order # 460.087

Sets

Opus 600 T set	consisting of: NE 600 S one-channel receiver and TS 601 beltpack transmitter, incl. soft case, batteries, mounting brackets and power supply unit, 506 - 530 MHz	Order # 701.106
	same as above, but 598 - 622 MHz	Order # 702.595
	same as above, but 668 - 692 MHz	Order # 701.114
	same as above, but 710 - 734 MHz	Order # 704.253
	same as above, but 734 - 758 MHz	Order # 704.261
	same as above, but 758 - 782 MHz	Order # 704.288
	same as above, but 774 - 798 MHz	Order # 701.122
	same as above, but 808 - 832 MHz	Order # 708.593

Technical Specifications

Frequency range	506 - 530 MHz 598 - 622 MHz 668 - 692 MHz 710 - 734 MHz 734 - 758 MHz 758 - 782 MHz 774 - 798 MHz 808 - 832 MHz
Modulation	FM
Nominal deviation	± 40 kHz
Radiated transmitter power	20 mW
Compander system	NE572
Signal-to-noise ratio	> 110 dB
T.H.D.	< 0.5% at 1 kHz
Frequency response	50 Hz - 18,000 Hz
Gain	10 mV - 0.3 V adjustable, at nominal deviation
Power supply	2 x 1.5 V batteries (AA)
Current consumption	approx. 85 mA
Operating time	> 20 hours with alkaline batteries
Dimensions (L x W x D)	110 x 63 x 21.5 mm
Weight with batteries	145 g
Pin assignment 4-pin connection	Pin 1 = Ground Pin 2 = IN1 Pin 3 = IN2 Pin 4 = +5 V

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