

TS 900

UHF Beltpack Transmitter

FEATURES

- Beltpack transmitter in two versions:
 - TS 900 C with charging contacts, plastic housing
 - TS 900 M without charging contacts, metal housing
- LC display
- ACT function (Automatic Channel Targeting) for automatic frequency selection
- Adjustable input sensitivity (gain control)
- 4-pin mini XLR input connector (male) to connect microphones or instruments
- GT/MT switch to select between microphone or instrument inputs
- Removable beltclip

APPLICATIONS

The TS 900 beltpack transmitter has been developed for professional multi-functional applications such as broadcasting, film, theatre or on stage. With its integrated, swivelling clip the TS 900 can be attached to belts, waist-bands or guitar straps. The TS 900 operates in the frequency range 668 to 692 MHz, 774 to 798 MHz, 790 to 814 MHz or 841 to 865 MHz.

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

Due to the pilot tone system there is no mute-switch needed, because the receiver is muted automatically when the transmitter is switched off.

The beltpack transmitter is available in two versions:

The TS 900 C provides charging contacts for an environment-friendly operation with the optional rechargeable TS 900 AP battery pack.

The TS 900 M features a metal housing.

VERSIONS

TS 900 M	UHF beltpack transmitter, metal housing, 668 - 692 MHz.	Order # 490.407
TS 900 M	same as above, but 774 - 798 MHz.	Order # 490.415
TS 900 M	same as above, but 790 - 814 MHz*	Order # 490.423
TS 900 M	same as above, but 841 - 865 MHz*	Order # 490.431
TS 900 C	UHF beltpack transmitter, plastic housing, with charging contacts, 668 - 692 MHz.	Order # 490.458
TS 900 C	same as above, but 774 - 798 MHz.	Order # 490.466
TS 900 C	same as above, but 790 - 814 MHz*	Order # 490.474
TS 900 C	same as above, but 841 - 865 MHz*	Order # 490.482

***Not for use in the USA or Canada**



TS 900

TECHNICAL SPECIFICATIONS

Frequency range	668 - 692 MHz 774 - 798 MHz 790 - 814 MHz* 841 - 865 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) or rechargeable batteries
Current consumption	approx. 85 mA
Operating time	> 20 hours with alkaline batteries
Dimensions	
TS 900 C (L x W x D)	110 x 63 x 21.5 mm
TS 900 M (L x W x D)	110 x 65.5 x 24.5 mm
Weight	
TS 900 C	155 g
TS 900 M	156 g
4-pin connection	Pin 1 = Ground Pin 2 = IN1 Pin 3 = IN2 Pin 4 = +5 V

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OPTIONAL ACCESSORIES

Microphones

Opus 54.18	Neckworn microphone, cardioid, black	Order # 464.945
Opus 55.18	Neckworn microphone, omnidirectional, black	Order # 465.356
Opus 55.18	Neckworn microphone, omnidirectional, beige	Order # 475.386
MCE 5.18	Condenser clip-on microphone, omnidirectional, black	Order # 471.879
MCE 10.18	Condenser clip-on microphone, cardioid, black	Order # 471.895
MCE 55.18	Condenser clip-on microphone, omnidirectional, black	Order # 475.408
MCE 55.18	Condenser clip-on microphone, omnidirectional, beige	Order # 475.416
MCE 60.18	Condenser clip-on microphone, omnidirectional, black	Order # 469.548

Cable

MJ 41 G	Cable for instruments with 1/4" jack (6.35 mm), for TS 900 (C / M) beltpack transmitter	Order # 460.087
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Charging

TS 900 AP	NiMH battery pack, 2 x 1.5 V AA for TS 900 C	Order # 486.957
SLG 900	Charger with two charging compartments for S 900 C or TS 900 C	Order # 485.292