

TS 910

UHF Beltpack Transmitter



FEATURES

- Beltpack transmitter in two versions:
 - TS 910 C with charging contacts, plastic housing
 - TS 910 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

Designed for use either on tour or in fixed installations, the Opus 910 professional UHF wireless system from beyerdynamic offers the highest levels of reliability, audio and transmission quality.

The TS 910 M (metal housing) and TS 910 C (plastic housing) beltpack transmitters have been designed for use with a clip-on microphone in the theatre or as a guitar transmitter on stage. The 4-pin mini XLR threaded plug can be used to connect either microphones or instruments. The input signal can be optimised using the receiver's gain control, while the MT/GT setting lets you switch between microphones and instruments: in GT (guitar) mode, the gain control is inactive; in MT mode it is active. Like the handheld transmitters, the beltpack transmitters also have a 36 MHz UHF bandwidth.

The TS 910 M and TS 910 C are equipped with an ACT interface to detect the carrier frequency from the receiver and set up the transmitter automatically. All transmitters also have a noiseless on/off switch and LCD showing channel/group and remaining battery capacity.

Two 1.5 V AA alkaline batteries (included) power the TS 910 M for over 20 hours operating time.

The TS 910 C can be fitted with the optionally available TS 900 AP rechargeable battery pack providing an operating time of over 11 hours. This battery pack can be recharged using the SLG 900 battery charger with two charging compartments. Two 1.5 V AA batteries power the S 910 M for at least 20 hours.

TS 910

VERSIONS

TS 910 M	UHF beltpack transmitter, metal housing, 482 – 518 MHz (US) Order # 705.691 same as above, but 518 – 554 MHz (US) Order # 705.705 same as above, but 554 – 590 MHz (US) Order # 705.713 same as above, but 590 – 626 MHz (US) Order # 705.721 same as above, but 626 – 662 MHz (US) Order # 705.748 same as above, but 662 – 698 MHz (US) Order # 705.756
TS 910 C	UHF beltpack transmitter, plastic housing, with charging contacts, 482 – 518 MHz (US) Order # 705.543 same as above, but 518 – 554 MHz (US) Order # 705.551 same as above, but 554 – 590 MHz (US) Order # 705.578 same as above, but 590 – 626 MHz (US) Order # 705.586 same as above, but 626 – 662 MHz (US) Order # 705.594 same as above, but 662 – 698 MHz (US) Order # 705.608

OPTIONAL ACCESSORIES

Microphones

TG L55	Mini condenser lavalier microphone, omnidirectional, waterproof, 4-pin female mini XLR connector, black Order # 707.201
TG L55 tan	same as above, but beige Order # 707.228
TG H56	Headset microphone, condenser, omnidirectional, 4-pin female mini XLR connector, black Order # 708.402
TG H56 tan	same as above, but beige. Order # 708.410
TG H74	Neckworn microphone, condenser, cardioid, 4-pin female mini XLR connector, black Order # 707.090
TG H74 tan	same as above, but beige. Order # 707.104

Charging

TS 900 AP	NiMH battery pack, 2 x 1.5 V AA for TS 910 C Order # 486.957
SLG 900	Charger with two charging compartments for S 910 C or TS 910 C Order # 485.292

TECHNICAL SPECIFICATIONS

Frequency range	482 – 518 MHz (US) 518 – 554 MHz (US) 554 – 590 MHz (US) 590 – 626 MHz (US) 626 – 662 MHz (US) 662 – 698 MHz (US)
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
Ambient temperature	-10 - +45 °C
Dimensions (L x W x D)	TS 910 C: 110 x 63 x 21.5 mm TS 910 M: 110 x 65.5 x 24.5 mm
Weight	TS 910 C: 155 g TS 910 M: 156 g
4-pin connection	Pin 1 = Ground, Pin 2 = IN1, Pin 3 = IN2, Pin 4 = +5 V; refer also to chapter 3.5 "AF Connection"

CONSUMER ALERT

Most users do not need a license to operate this wireless microphone system. Nevertheless, operating this microphone system without a license is subject to certain restrictions: the system may not cause harmful interference; it must operate at a low power level (not in excess of 50 milliwatts); and it has no protection from interference received from any other device.

Purchasers should also be aware that FCC is currently evaluating use of wireless microphone systems, and these rules are subject to change.

For more information, call the FCC at 1-888-CALL-FCC (TTY: 1-888-TELL-FCC) or visit the FCC's wireless microphone website at www.fcc.gov/cgb/wirelessmicrophones.