

T863

Hearing Helper™ FM Transmitter

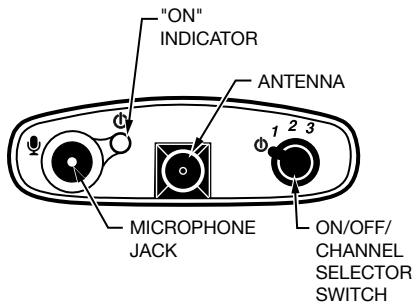


The T863 is a portable, body-pack style FM transmitter with user-selectable operating frequencies of 863.25 MHz, 863.75 MHz or 864.75 MHz. The T863 will operate up to 30 meters (98 feet) when used with Williams Sound's R863 receiver. The transmitter is showcased in a black, ergonomic, impact-resistant case, and is belt clip equipped for hands-free operation. Controls include an integrated on/off/channel switch, 3.5mm mic jack, and battery ON indicator LED. Drop-in charging points allow up to 12 transmitters to be charged at once in the optional CHG 3512 multi-charger. The T863 operates on two AA batteries for up to 20 hours, or 15 hours per charge when used with Williams Sound rechargeable batteries. The T863 will accommodate a variety of microphone options.

Designed for the European marketplace.

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T863 Transmitter:



A216

Dimensions:	155 mm H x 72 mm W x 30 mm T (6.1" H x 2.85" W x 1.2" T)
Weight:	82 grams (2.89 oz.), no batteries
Color:	Black
Material:	ABS/Polycarbonate, shatter-resistant
Battery Type:	Two (2) AA 1.5 V Non-rechargeable Alkaline batteries (BAT 001), 100 mA nominal current drain, 20 hours approx. life (OR) Two (2) AA 1.2 V NiMH Rechargeable batteries (BAT 026), 100 mA nominal current drain, 15 hours per charge approx., recharges in 14-16 hours, uses CHG 3512 Multiple Battery Charger
Operating Frequencies:	CH 1 - 863.25 MHz; CH 2 - 863.75 MHz; CH 3 - 864.75 MHz (± 30 kHz)
Operating Range:	30 meters (98.4 feet) with R863 receiver
Stability:	± .05 MHz, 0 - 50° Celsius
FM Deviation:	60 kHz ±5 kHz, transmitter input at 1 kHz, 2.5 mV
Pre-Emphasis:	50 µS
Sensitivity:	< - 90 dBm @ 60 kHz deviation
RF Output:	5 - 10 dBm
Freq Response:	500 Hz - 5 kHz, ±3 dB
Distortion:	< 2.0% THD
Transmit Antenna:	External, 5cm
Microphone: (optional)	Head-worn, unidirectional, electret type, 39 in. cord, 3.5 mm mono phone plug (MIC 100)
Controls & Indicators:	Microphone gain adjust; Channel/Power selector (4 position rotary switch): "Power icon" is off; position 1 is CH1; position 2 is CH 2; position 3 is CH 3 Power on indicator: Red LED "on" indicates when receiver has power Low battery indicator: Power LED flashes when batteries are low Battery selector: Slide switch for alkaline or NIMH battery operation
Mic Connector:	3.5 mm jack
Charging Contacts:	Designed for use with CHG 3512 Battery Charger and CHG 3502
Approvals:	CE, RoHS, WEEE, ETSI EN 301 357-1, ETSI EN 301 357-2
Warranty:	3 years parts and labor (90 days on accessories)

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!

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Bid Specs:

The T863 shall be a portable, belt-pack-equipped, wide-band transmitter. The unit shall have three user-selectable operating frequencies of 863.25 MHz for CH1, 863.75 MHz for CH 2 and 864.75 MHz for CH 3. The T863 shall be housed in a black polycarbonate impact-resistant enclosure and feature a two-inch external antenna and 3.5mm mono microphone input.

The transmitter shall include an integrated on/off/channel selector control, an internal mic gain control, and power ON indicator LED. The power ON LED shall flash to indicate low battery.

The transmitter shall operate on two AA alkaline batteries for approx. 20 hours of operation or 15 hours with Williams Sound NiMH rechargeable batteries (BAT 026). The transmitter shall have drop-in charging points for charging with the optional CHG 3512.

The T863 shall have an operating range of approx. 30 meters (98 feet) when used with the R863 receiver and a signal ratio greater than 50dB with the R863 and 60 kHz deviation.

The T863 shall have CE, ETSI EN 301 357-1, ETSI EN 301 357-2 approvals, and be compliant with RoHS and WEEE regulations. The unit shall have a three year parts and labor warranty.*

The transmitter shall be the Williams Sound model number T863.

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