



T2863 and R2863

863 MHZ PORTABLE FM COMMUNICATION - EUROPE/MEA



The FM T2863 transmitter broadcasts voice or audio programs on one of the 16 available channels to individuals using the FM R2863 receiver. These lightweight and simple-to-use devices have a range of up to 150 m (500 feet) line of sight. The transmitters work with an unlimited number of receivers, and multiple transmitters can broadcast simultaneously using one of the non-interfering group channels – making this FM solution an excellent option for simultaneous interpretation.

Both the transmitter and receiver come with easy-to-read LCD displays with quick status view and menu information. Additionally, the devices can be powered by either alkaline batteries or rechargeable NiMH batteries and are compatible with a range of Williams AV microphones, headphones, and neck loop options. This solution is perfect for tour groups, assistive listening, and interpretation applications. The R2863 receiver can also be used with the T2800 base station transmitter.

Key Features

- 16 user-selectable, preset frequencies
- Range of up to 150 m (500 ft)
- Easy-to-read LCD display
- Compact design
- Rechargeable NiMH or non-rechargeable Alkaline AA batteries

Applications

- Tours
- Language Interpretation
- Assistive Listening

Markets

- Guided Tours
- Houses of Worship
- Stadiums
- Performing Arts Venues/Theaters
- Conferences
- Government
- Education - Classrooms & Lecture Halls



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Product Specifications: T2863

Battery Type	Two AA 1.5 V non-rechargeable Alkaline batteries (BAT 001-2), or Two AA 1.5 V rechargeable NiMH batteries (BAT 026-2).
Battery Life	Alkaline: 12 hours NiMH: 11 hours
Operating Frequencies	Selectable, 16 channels, 863 – 865 MHz. Non-interfering group channels (may be used simultaneously): Ch 1, 4, 8, 11, 16
Output Power	10 dBm
Distance	Up to 150 m (500 ft) Line of Sight
External Controls	Top: Power On/Off slide switch. Front: Momentary push buttons.
Audio Input	3.5 mm, microphone/audio
Dimensions	75 mm x 50 mm x 25 mm
Weight	45 g (without batteries)
Approvals	CE, RoHS3, UKCA and WEEE
Warranty	2-year warranty against component failure and manufacturing defects. See Full Warranty statement on the website for details .

Product Specifications: R2863

Battery Type	Two AA 1.5 V non-rechargeable Alkaline batteries (BAT 001-2), or Two AA 1.5 V rechargeable NiMH batteries (BAT 026-2).
Battery Life	Alkaline: 30 hours NiMH: 20 hours
Operating Frequencies	Selectable, 16 channels, 863 – 865 MHz. Non-interfering group channels (may be used simultaneously): Ch 1, 4, 8, 11, 16
Sensitivity	-110 dBm
Distance	Up to 150 m (500 ft) Line of Sight
External Controls	Top: Power On/Off slide switch. Front: Momentary push buttons.
Audio Output	3.5 mm stereo/mono headphone jack
Freq. Resp	20 Hz -16 kHz
Dimensions	75 mm x 50 mm x 25 mm
Weight	45 g (without batteries)
Approvals	CE, RoHS3, UKCA and WEEE
Warranty	2-year warranty against component failure and manufacturing defects. See Full Warranty statement on the website for details .