

TAC4 | IEM TRANSMITTER
ANTENNA COMBINER



The Relacart TAC4 antenna combiner can consolidate signals from up to four in-ear wireless monitor stereo transmitters onto a single shared antenna, effectively minimizing intermodulation distortion caused by interference between adjacent transmitters. This is crucial for multi-channel systems. It can be used with any brand of IEM set to transmit power of 100mW or lower. Additionally, it can provide DC power to up to four IEM transmitters, eliminating the need for wall-mounted power adapters.

Key Features

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Improve Wireless Performance

 - It can reduce the intermodulation distortion and dropouts due to multipath interference
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Super Wide Frequency Range

 - Wideband UHF operation (470-940 MHz)
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Power Supply for Transmitters

 - Four DC output jacks supplying power to the connected IEM transmitters
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LED Indicator of Signal Presence

 - Front-panel LED signal indicators for each input (Lights green when there is signal input; off when there is no signal)
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Wide Compatibility

 - Compatible with the IEM transmitters of all brands

Product Specification



TAC4
IEM Transmitter Antenna Combiner

Frequency Range:	470-940 MHz
Input/output Impedance:	50Ω
RF Gain:	0dB (±2dB)
Connector Type:	BNC
RF Signal Input:	4 channels
RF input normal operating range:	+20dBm max.
RF input signal LED indicator threshold:	>7dBm
Input Loss:	<3dB
Output Voltage:	4 channels 12V (DC) 1A maximum
Power Supply:	AC 100-240V, 50-60Hz 60W Max.
Dimensions (mm):	480(W)×350(D)×43(H)

System Connection Diagram

