

UX SERIES TRANSMIT COMBINERS

UX-4 SPECIFICATIONS

RF Inputs: Four

RF Input Level: 20 to 100 mW

RF Output: One

RF Output Level: High Power Mode: 250mW

Low Power Mode: 25mW

Bandwidth: 470 MHz to 750 MHz

Connectors: BNC (f)

External 12V PSU w/ XLR5 Connector

UX-8 SPECIFICATIONS

RF Inputs: Eight

RF Input Level: 20 to 100 mW

RF Output: One

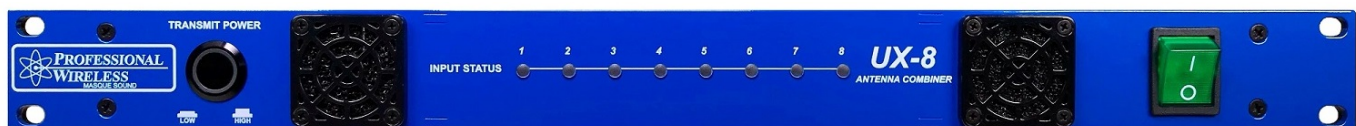
RF Output Level: High Power Mode: 125mW

Low Power Mode: 25mW

Bandwidth: 470 MHz to 750 MHz

Connectors: BNC (f)

External 12V PSU w/ XLR5 Connector



DESCRIPTION

The UX-8 combines the input of up to eight RF IEMs into a single output antenna with the UX-4 handling 4 inputs. They combine and amplify transmitter signals, accepting inputs from nearly any IEM transmitter from 470 MHz to 750MHz. *(For VHF Frequencies check out our VX-4.1 AND VX-4.3)*

The PWS UX combiner/amplifiers also act as RF equalizers, due to their proprietary Automatic Level Control circuitry. Each input contains its own RF amplifier and ALC circuit, boosting each signal to 250 mW maximum. For smaller events, a low power mode keeps transmissions at a maximum of 50 mW.

The use of independent single frequency amplifiers for each IEM signal reduces distortion and drop-outs from intermodulation and interrupted transmissions. The result is all performers on stage receive outstanding audio clarity in their IEM, without the antenna farm.