

DA40

Antenna Distribution System



The DA40 is an active antenna distribution system that allows multiple wireless microphone receivers to share a single pair of antennas. The half-rack, wideband UHF (400MHz-1GHz) system also provides RF gain to compensate for insertion loss. The DA40 works with a maximum of four wireless systems that utilize BNC-type connectors, including Samson's Concert 99 and Synth 7 systems.

The DA40 has four DC barrel power output connectors for powering wireless receivers, and comes with four DC power cables (with male to male barrel adapters). Receiver antenna connections are to be wired to the DA40's rear panel BNC jacks, and the appropriate tuned antennas to its front panel BNC jacks. Alternatively, you can use remote antennas, like the Samson PA1 Active Unidirectional Antennas, using up 100' of coaxial cable (RG-6 coaxial cable is recommended) to extend the operating range of wireless systems. The DA40 also includes rackmount hardware and an external power supply.

FEATURES

- Half-rack, wideband UHF antenna distribution system
- Recommended for use with Samson Concert 99 and Synth 7 wireless systems (sold separately)
- Handles up to four wireless receivers simultaneously
- Four DC power outputs for powering receivers (four cables included)
- Front and rear panel BNC antenna connectors (four cables included)
- DC outputs for antenna bias
- Rackmount hardware and power supply included

SPECIFICATIONS

- Frequency Range: 400MHz-1GHz (-3dB)
- Gain (input to any output power): 0±1dB
- IP3 Output Intercept Point: 50dBm (min), 20dBm (typical)
- Impedance: 50Ω
- Working Voltage: 15V DC, 2000mA
- Current Consumption: 200mA
- Power to Antenna: 12V, 500mA
- Product Dimensions: 1.75" (42mm) x 8.5" (215mm) x 6" (150mm)
- Product Weight: Approx. 2.25lb (1kg)



Front panel



Rear panel



Front panel antenna jacks (antennas not included)



All included components

DA40

UPC	809164220084
SKU	SWDA40
HEIGHT	2.75"
WIDTH	15.25"
DEPTH	13.75"
WEIGHT	TBD
MASTER CARTON QUANTITY:	10

* DIMENSIONS AND WEIGHT BOXED

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