

SPA-SERIES

DIRECTIONAL ANTENNA FOR WIRELESS MICROPHONE



SOUNDVISION SPA-1000A Active directional antenna for wireless microphones. These antennas both improve reception of Wireless transmitter signals and minimize interference receivers with appropriate installed placement. Supports a professional TNC connector The antenna has waterproof construction and can be used for indoor and outdoor applications.

FEATURES

- Antenna suitable for 470–1000MHz frequency range.
- Supports a professional TNC connector.
- Improved wireless reception (10dB) of active directional antenna gain.
- Reduced interference.
- Improved RF signal-to-noise ratio.
- includes 5 meters cable.

SPECIFICATIONS

Frequency Range	470 – 1000 MHz
Voltage Standing Wave Ration (VSWR)	<2:1
Impedance	50 Ω
Antenna Gain	>3 dBi , typical
Efficiency	>50 % , typical
Reception Pattern (3dB Beam Width)	90°vertical, 180°horizontal
Connector Type	TNC, Female
Dimensions (H x W x D)	369 x 361 x 57 mm
Net Weight (include package)	1 kg

SPA-1002P ANTENNA / POWER DISTRIBUTION SYSTEM 450-1000MHZ



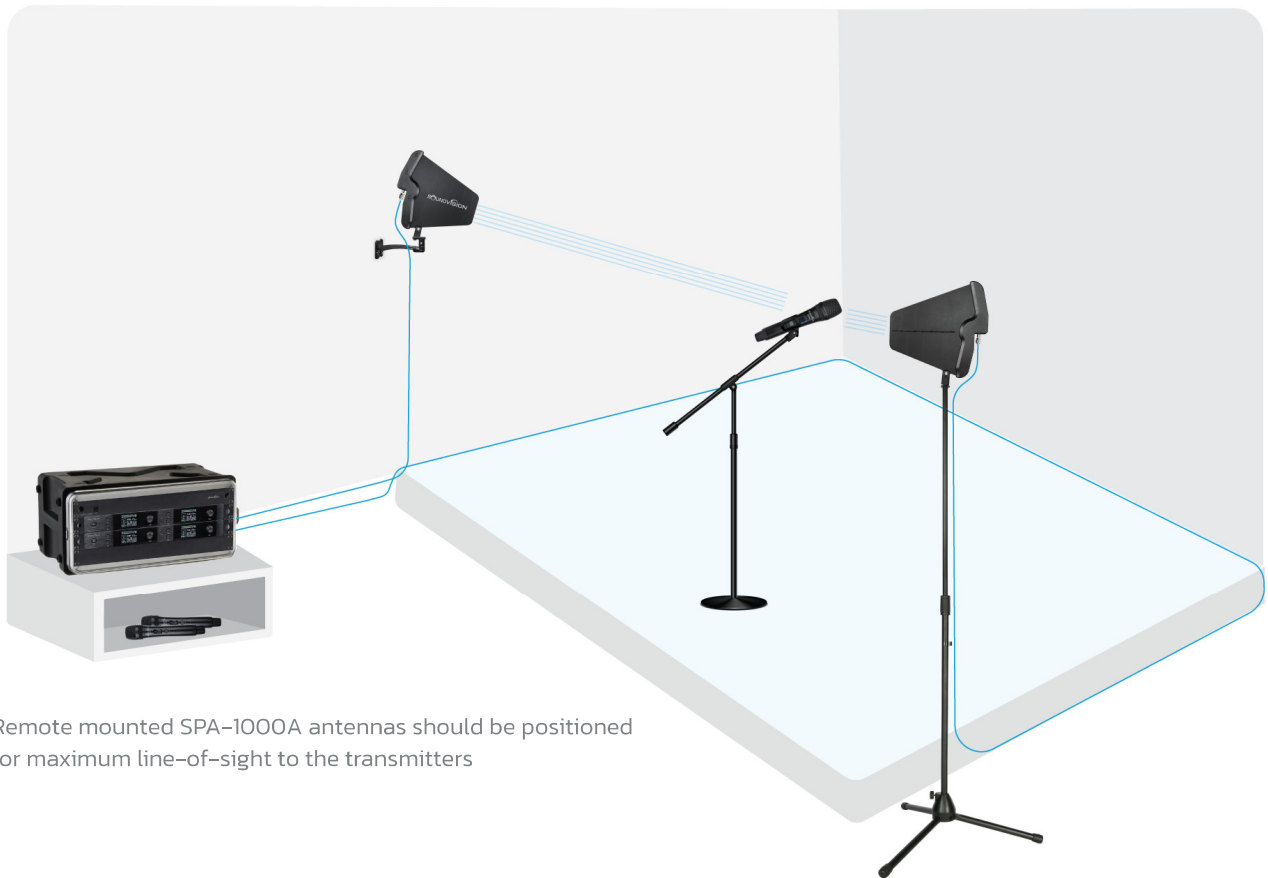
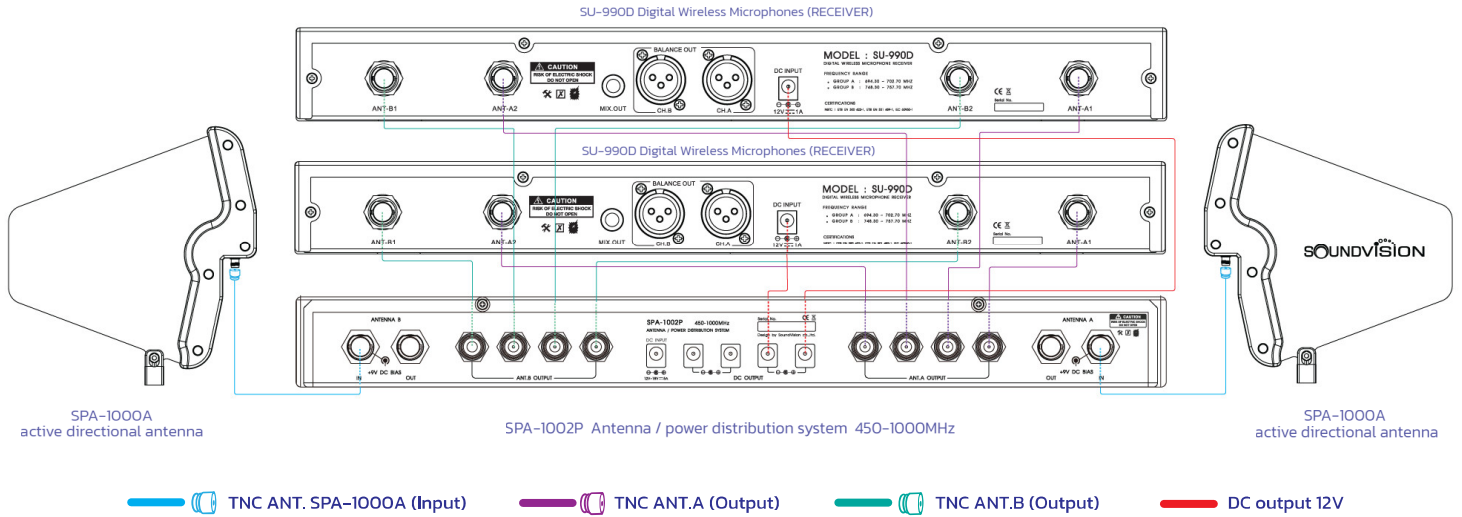
FEATURES

- Antenna suitable for 450 – 1000MHz frequency range.
- Multi-channel receiving system, eliminating the spurious interference in multiple system usage.
- Identifies and assigns optimal frequencies to receiver / transmitter pairs
- With two input sockets, made specially for the receiver using in long distance, can compensate the loss signal which caused by connecting to the receiver with the same cable.

SPECIFICATIONS


Power requirements	12V DC
DC output	12V DC (x4)
Output current (total from all DC outputs)	5A maximum
Frequency range	450 – 1000 MHz
Impedance	50 Ω
Antenna input	50 Ω, 9V DC
Antenna output	50 Ω
Operating temperature range	-20 °C to 60 °C
Connector Type	TNC, Female
Dimensions (H x W x D)	549 x 301 x 110 mm
Net Weight (include package)	3.85 Kgs.

EXAMPLE CONNECTION DIAGRAM



Remote mounted SPA-1000A antennas should be positioned for maximum line-of-sight to the transmitters

PRODUCTS

- 1. SPA-1000A Active directional antennas.
- 2. SPA-1002P Antenna / power distribution system.
- 3. SU-990D-HT (x 2) Digital Wireless Microphones.
- Antenna mounting stand  TNC connector 5meters cable.

OPTIONALS

- Antenna mounting bracket
- Antenna mounting stand

