

ANC01 Radio Microphone Antenna Combiner Unit



Description

The ANC01 Radio Microphone Antenna Combiner unit provides a method of combining either three or four radio microphone antenna connections, so that they can be fed into a twin input diversity Radio Microphone Receiver. Typically this unit will be used when more than two antennae are needed to provide adequate radio microphone coverage in a PA zone.

The unit will typically be mounted on a wall or ceiling, above a SAP01 Station Announcement Point, with the two output connections of the ANC01 fed to the two Radio Microphone Receiver inputs of a Radio Microphone Receiver unit within the SAP01.

Antenna connections are made via external TNC female connectors.

The ANC01 is designed to operate in the following configurations:

- Four-antenna configuration (standard): 4 inputs / 2 outputs
- Three-antenna configuration: 3 inputs / 2 outputs

Variants of this product can be supplied complete with antenna amplifier power supplies, or as a complete Radio Microphone Receiver unit. Internal connections can also be specified, with 25mm conduit/cable gland entry points.

For further details please refer to the ANC01 product manual.

Specification

General

Operating frequencies for the Radio Microphone Receiver 863.050MHz – 864.825MHz

Insertion loss – four-antenna configuration

Between Antenna 1/ Antenna 2 input connector and Output 1 connector 4dB max

Between Antenna 3/ Antenna 4 input connector and Output 2 connector 4dB max

Insertion loss – three-antenna configuration

Between Antenna 1/ Antenna 2 input connector and Output 1 connector 4dB max

Between Antenna 3 connector and Output 2 connector..... 1dB max

Connector TNC type, female

Colour Agate Grey RAL7038

Dimensions and Weight

Dimensions (H x W x D) 230mm x 330mm x 110mm (excl. connectors)

Weight 12kg max

Environmental

Temperature (storage and operating) -5°C to +50°C

Humidity range 0% to 93% Non-condensing

Waterproofing IP65

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