

CA 2441 Antenna Amplifier



DESCRIPTION

The CA 2441 antenna amplifier is used as a signal amplifier for the MCW-D 100 / 200 conference systems.

Due to local conditions the following values are only recommendations:

For the **CA 2430** cable (Ecoflex 10) one **CA 2441 RT** antenna amplifier is recommended, if the cable is longer than 25 m (CA 2441 RT is mounted to the antenna).

For the **CA 2420** cable (Aircell 7) one **CA 2441 RT** antenna amplifier is recommended, if the cable is longer than 15 m (CA 2441 RT is mounted to the antenna).

These recommendations are only valid, when the distance between microphone units and transmitting/receiving antennae does not exceed 15 m.

VERSIONS

CA 2441 RT	Antenna pre-amp, (Receive + Transmit), 2.4 GHz for transmitting and receiving, max. 6 dBm, (12 dB gain), remote supply 5V via antenna cable Order # 470.309
CA 2441 T	Antenna amplifier, (Transmit), 2.4 GHz only for transmitting, max. 20 dBm (9 dB gain), remote supply 5V via antenna cable Order # 470.317

TECHNICAL SPECIFICATIONS

CA 2441 RT Antenna Amplifier

Frequency range 2.4 - 2.485 GHz; embedded filter against GSM phones
Max. input level 6 dBm
Gain 10 dB
Current consumption approx. 140 mA
Supply voltage 5 V DC, powered by MCW-D 100/200
supply from input or output port
Connection 2 x N female; incl. adapter male/male

CA 2441 T Antenna Amplifier

Frequency range 2.4 - 2.485 GHz; embedded filter against GSM phones
Max. input level 16 dBm
Max. output level 23 dBm = 200 mW
Gain 8 dB
Current consumption approx. 340 mA
Supply voltage 5 V DC, powered by MCW-D 100/200
supply from input or output port
Connection N female; incl. adapter male/male
Dimensions Diameter: 26 mm
Length: 100 mm
Weight 166 g

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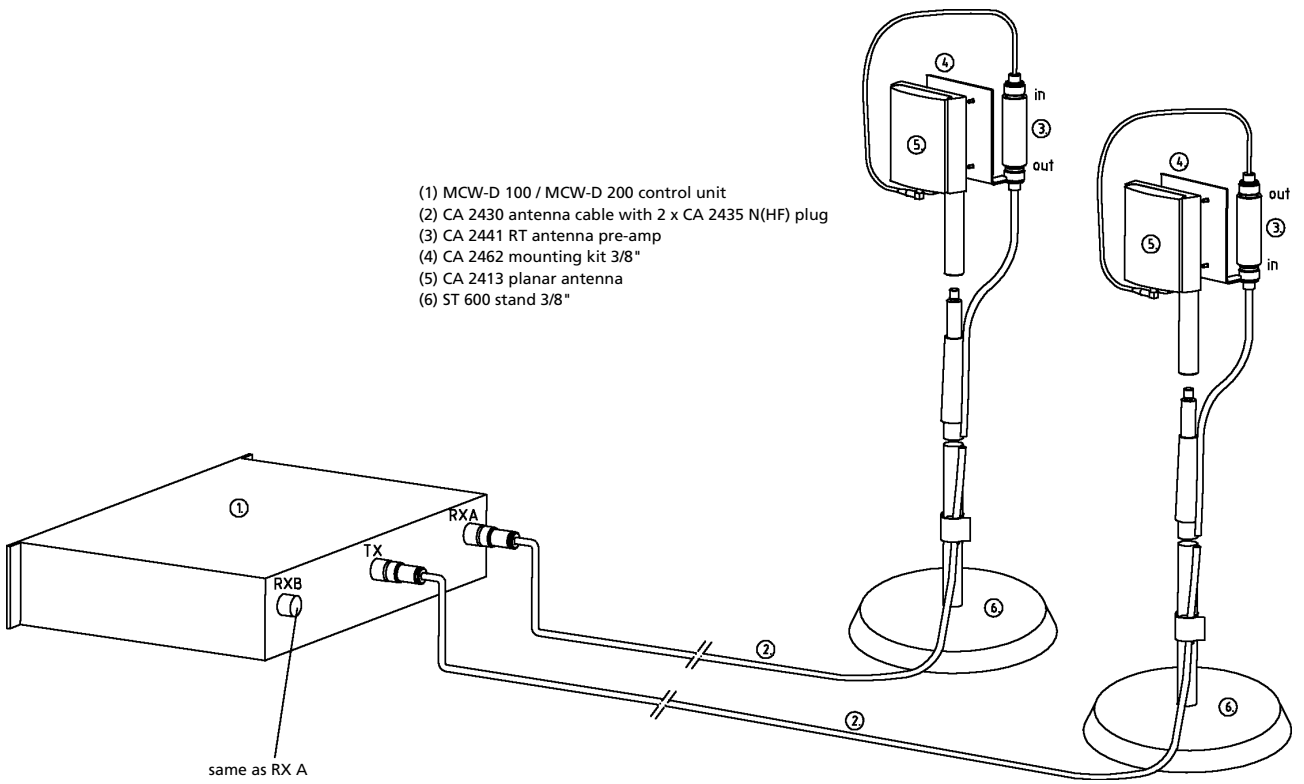
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MOUNTING



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