

AND241-4R8C/5R10C/8R16C

Antenna Distribution System Antenna Amplifier System [EN]

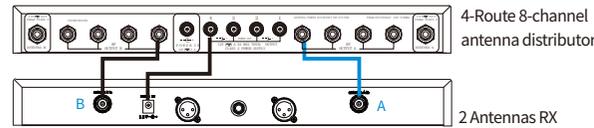
Parameter

Item	Value
Frequency Bands	450MHz ~970MHz
Voltage	AC 100~240V or DC12V 5A
DC Output	4Group 12V / 1A
Impedance	50Ω
Antenna Amplifier Voltage	9 ~ 12V / 150mA
Dimensions	480x210x45mm

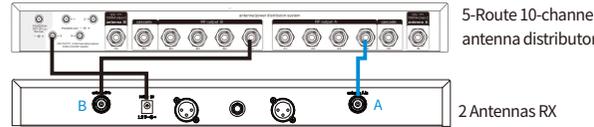
Connection Instructions

Single machine connection

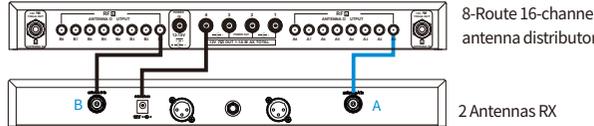
Wiring diagram of 4-way and dual-antenna receiver



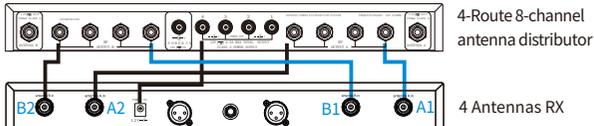
Wiring diagram of 5 way and dual-antenna receiver



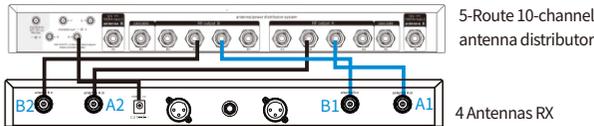
Wiring diagram of 8 way and dual-antenna receiver



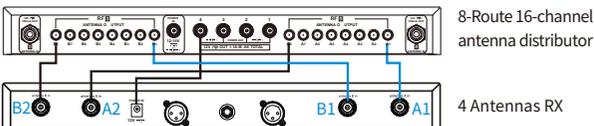
Wiring diagram of 4 way and four-antenna receiver



Wiring diagram of 5 way and four-antenna receiver

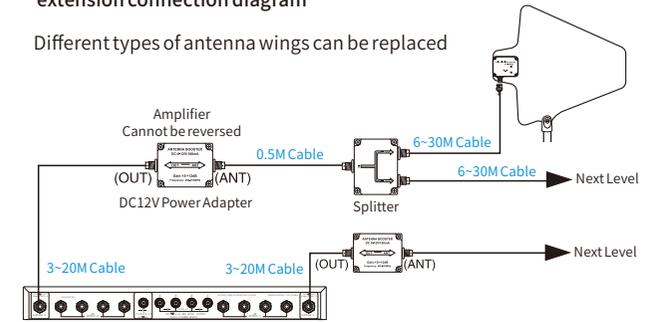


Wiring diagram of 8 way and four-antenna receiver



Antenna distribution system plus extension cable and antenna wing extension connection diagram

Different types of antenna wings can be replaced



Notes

- First to Turn On** When the system is started up, turn this device on last; when the system is shut down, turn this device off last to avoid component damage.
- Last to Turn Off**

Accidentally connecting the center pin (power) of the cable to the cable housing (ground) may damage the internal components.

- Do not use this device near water.
- Wipe the device only with a dry cloth.
- Do not block the ventilation openings.
- Do not defeat the safety purpose of the grounding type plug. A polarized plug has two blades, one wider than the other. A grounding type plug has two blades and a third grounding prong. The wider blade or the third prong is provided for your safety.
- Protect the power cord from being walked on or pinched, particularly at plugs, receptacles, and the point where they exit from the device.
- Use only connectors/accessories specified by the manufacturer.
- Unplug this device during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel.
- Do not expose this device to dripping and splashing. Do not place objects filled with liquids (such as vases, etc.) on this apparatus.
- The mains plug or appliance coupler should remain readily operable.
- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
- Do not attempt to modify this product. Doing so could result in personal injury and/or product failure.

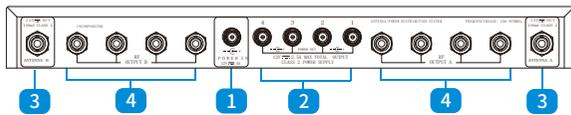


Functions have changed. Please visit the website (www.gaodimic.com) for the latest information. GAODIMIC®, iweex®, AT210Tech™, DT220Tech™, and iMeetingPlat™ are all brands of infoSVC LLC.

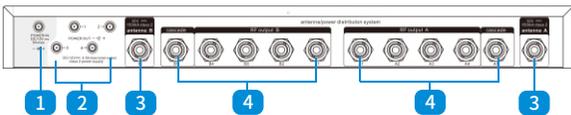
Appearance



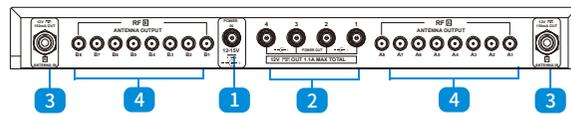
AND241-4R8C



AND241-5R10C (Supports Cascade Port)



AND241-8R16C



- DC power supply DC12V/5A input connector
- DC12V/1A output connector, power supply for up to 4 wireless receivers.
- Antenna Input Ports, Channels A and B. BNC connector for antennas.
- RF output connector, channels A and B

Function & Feature

- It is a UHF antenna distribution system with amplification capabilities.
- Expansion Capability: Each unit allows 4-8 wireless receivers to use the same two antennas.
- Signal Loss Compensation: Signal strength attenuates when splitting the signal across multiple output ports. This system amplifies and compensates for this attenuation.
- Compatibility: Compatible with all wireless microphone receivers operating within the compatible frequency range.
- Power Output and Output Connectors: Up to multiple receivers can be chained together at the power output and powered from a single power source via the power output connector.
- Low Noise and Intermodulation Distortion with minimal distortion.
- Cascading Functionality: The AND241-5R10C device provides a 50Ω BNC antenna cascading port, allowing the connection of an additional unit or a next-level antenna distribution system.