ICP-MC1

Multi-functional Control Box

User Manual



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Safety Instructions

1. Please read the operation manual carefully before installing and using this device.
2. Keep this operation manual in a safe place.
3. Follow the instructions and pay attention to the warnings.
4. Do not use accessories not recommended by the dealer.
5. Only use the original parts provided for mounting. The manufacturer is not liable for any damage caused by improper installation.
6. Ensure the power cord is properly and securely fixed.
7. Do not use multi-socket adapters or power extension cords to avoid fire or short circuits.
8. Do not insert objects into the machine or spill liquids on it to prevent short circuits.
9. Contact a technician if any of the following occurs:
    - The power cord or plug is damaged.
    - Water has entered the machine.
    - The machine does not operate normally according to the instructions.
    - The machine has been dropped or the casing is damaged.
    - Other equipment issues that may require repair.
10. When connecting outdoor equipment cables to the device, ensure that the cable system is properly grounded to prevent lightning strikes.
11. Carefully install the equipment and peripherals to avoid impacts, strong shaking, or similar conditions. The main unit and peripherals may be damaged by these adverse conditions.
12. Do not disassemble the equipment or peripherals yourself:
    - There are high-voltage and sensitive electronic circuits inside the machine. To avoid the risk of electric shock, do not disassemble the machine yourself.
    - When replacing parts, ensure they meet the specifications approved by the original manufacturer. Unauthorized replacement parts may cause electrical short circuits or fires.
13. Do not operate the equipment under conditions exceeding the specified temperature, humidity, or power levels. The operating temperature should be between 0°C and 40°C (32°F to 104°F), and humidity should be below 90%.
14. Do not expose the equipment to rain or high humidity; avoid using this product in damp places. Keep it in a dry location, as moisture or water vapor may damage internal parts. If used outdoors, appropriate protection is required.
15. When the surface of the device or peripherals is dusty or dirty, do not use liquid or spray cleaners; instead, wipe with a slightly damp cloth.
16. Avoid rapidly switching the device's power on and off. Whether the device is operating or shut down, avoid quickly turning the power on and off to prevent damage to sensitive electronic circuits inside the machine, which may result in functional issues.

Warning: The casing of the machine should only be opened by qualified service personnel. There are no user-serviceable parts inside the machine.

Main Unit Panel Description



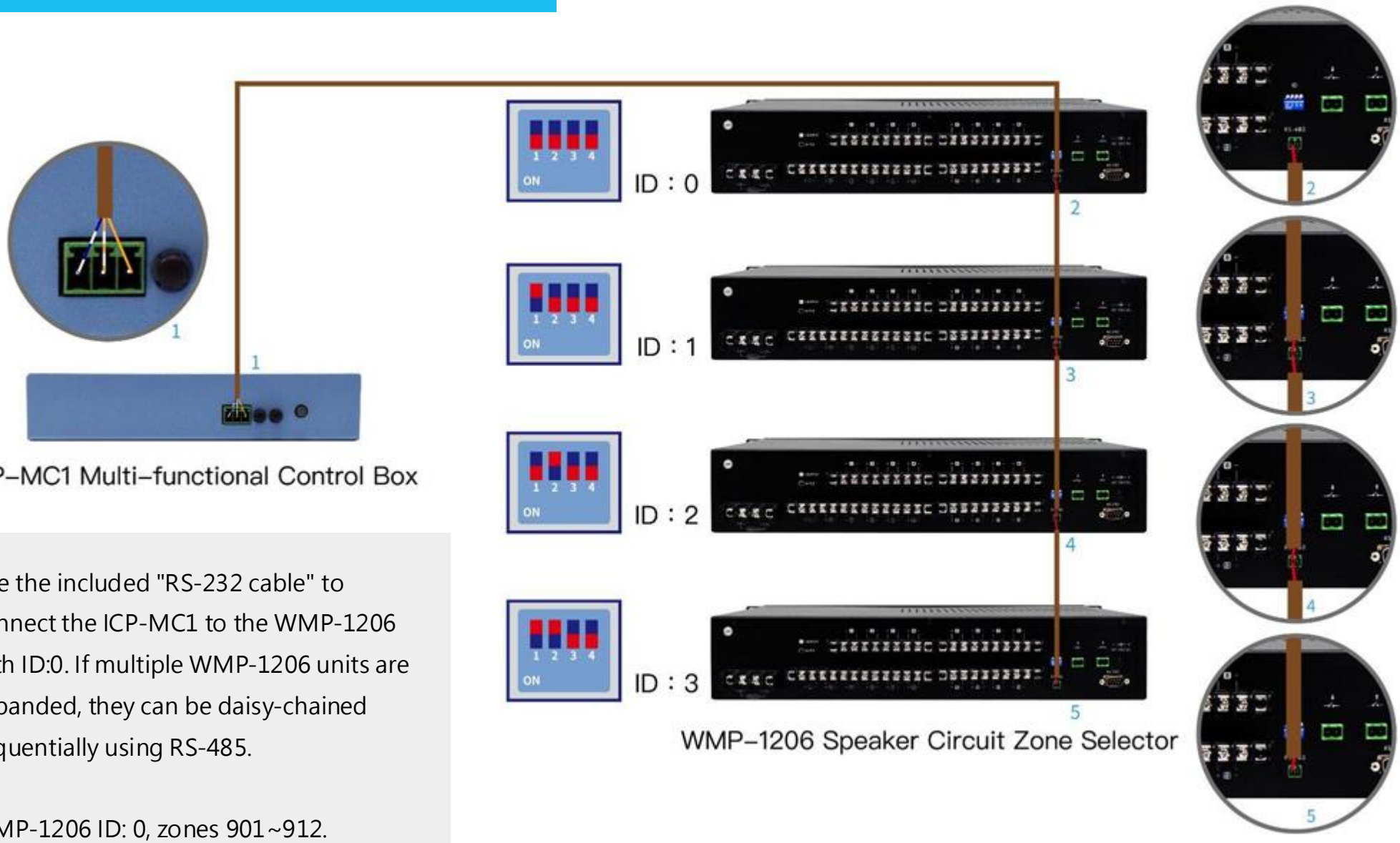
1. **USB Port:** Reserved for future functionality.
2. **IR Receiver Port:** Reserved for future functionality.
3. **IR Transmitter Port:** Reserved for future functionality.
4. **RJ12 Port:** Connects to the Combo port of the ICP-5110/5111 decoder for functional integration.
5. **Dry Contact Trigger Port:** Connects to the amplifier's power-on dry contact, controlling the amplifier's power on/off.
6. **RS232 Port:** Connects to the RS-232 port of the WMP-1206 for functional integration.
7. **Operation Function Key 1:** Reserved for future functionality.
8. **Operation Function Key 2:** Reserved for future functionality.
9. **Status Indicator Light:** Green flashing indicates standby mode, solid green indicates functional linkage, and no light indicates a communication error.

Connect Decoder



Use the included "RJ-45 to RJ-12 cable" to connect the multifunction controller to the decoder.If paired with the WMP-1206 12-channel speaker controller, the decoder ID must be set to 998.

Connect WMP-1206



Use the included "RS-232 cable" to connect the ICP-MC1 to the WMP-1206 with ID:0. If multiple WMP-1206 units are expanded, they can be daisy-chained sequentially using RS-485.

WMP-1206 ID: 0, zones 901~912.
WMP-1206 ID: 1, zones 913~924.
WMP-1206 ID: 2, zones 925~936.
WMP-1206 ID: 3, zones 937~948.
The decoder ID must be set to 998.

Connect Amplifier



Use the included "trigger connection cable" to connect the ICP-MC1 to the amplifier's power-on contact, allowing control of the amplifier's power on/off.



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