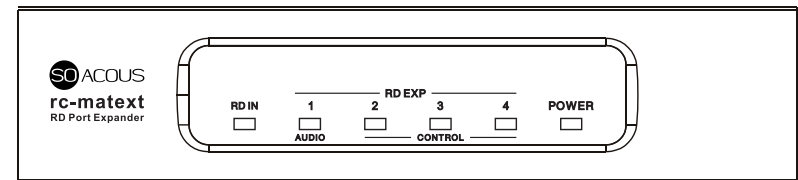




USER'S MANUAL

rc-matext



INTRODVCTION

1. Introduction

rc-matext is a professional expander for MATMAX SYSTEM, using digital transmission system, with high performance, high reliability, lightweight and rugged design features, rc-matext can connect multiple remote controllers at the same time.

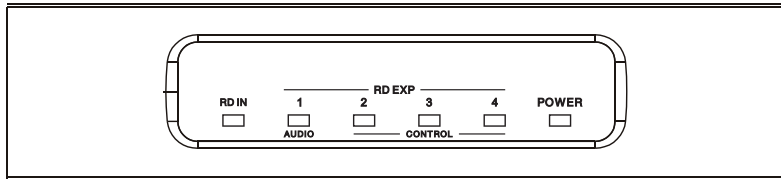
2. Summary of features

- 1) 3 remote control terminals, each control terminal can connect to one remote controller
- 2) LED lights display the working status of ports in real time
- 3) 1 audio + control terminal, 192 zones can be controlled and called by connecting to rm-matmax

3. Panel and rear panel introduction

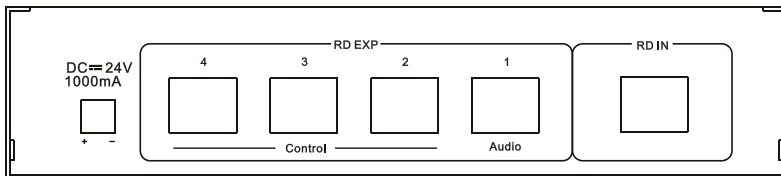
Panel

- 1) IN, 1, 2, 3, and 4 correspond to the working status of the port respectively, and the LED flashes to indicate that the port is working.
- 2) PWR: Power switch for turning the rc-matext on or off.

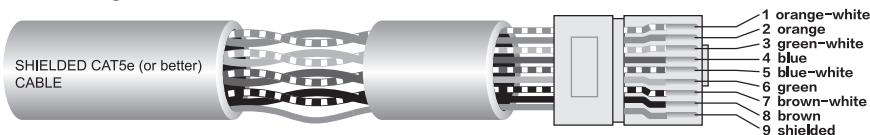


Rear panel

- 1) RD IN: RD input port, used to connect the MATMAX output port. Cable Specifications: CAT-5 or higher shielded cable 2 meters in length.
- 2) Audio, audio and control output (1) for connecting remote controller such as rc-matinout or rc-matall or rm-matmax or rc-matscreen etc.. Cable Specifications: CAT-5 or higher shielded cable.
- 3) Control output (2&3&4) for connecting remote controller such as rc-matvol or rc-matscreen etc.. 3 remote control terminals, each control terminal can connect to one remote controller.the longest distance up to 100 meters. CAT-5 or higher shielded cable.
- 4) 24V auxiliary power port for providing 24V auxiliary power. (DC = 24V, 1000mA).



4. CAT-5 or higher shielded cable



INDEX

01 SAFETY RELATED SYMBOLS	2
02 WARNING	2
03 IMPORTANT SAFETY INSTRUCTION	3
04 INTRODUCTION	4

IMPORTANT!

Please read this manual carefully before operating this unit for the first time.

SAFETY RELATED SYMBOLS



The symbol is used to indicate that some hazardous live terminals are involved within this apparatus, even under the normal operating conditions.



The symbol is used in the service documentation to indicate that specific component shall be only replaced by the component specified in that Documentation for safety reasons.



Protective grounding terminal.



Alternating current /voltage.



Hazardous live terminal .

ON: Denotes the apparatus turns on.

OFF: Denotes the apparatus turns off, because of using the single pole switch, be sure to unplug the AC power to prevent any electric shock before you proceed your service.

WARNING: Describes precautions that should be observed to prevent the danger of injury or death to the user.



Disposing of this product should not be placed in municipal waste and should be separate collection.

CAUTION: Describes precautions that should be observed to prevent danger of the apparatus.

WARNING

• Power Supply

Ensure the source voltage matches the voltage of the power supply before turning ON the apparatus.

Unplug this apparatus during lightning storms or when unused for long periods of time.

• External Connection

The external wiring connected to the output hazardous live terminals requires installation by an instructed person, or the use of ready-made leads or cords.

• Do not Remove any Cover

There are maybe some areas with high voltages inside, to reduce the risk of electric shock, do not remove any cover if the power supply is connected.

The cover should be removed by the qualified personnel only.

No user serviceable parts inside.

• Fuse

To prevent a fire, make sure to use fuses with specified standard (current, voltage, type). Do not use a different fuse or short circuit the fuse holder.

Before replacing the fuse, turn OFF the apparatus and disconnected the power source.

• Protective Grounding

Make sure to connect the protective grounding to prevent any electric shock before turning ON the apparatus.

Never cut off the internal or external protective grounding wire or disconnect the wiring of protective grounding terminal.

• Operating Conditions

This apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on this apparatus.

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

Do not use this apparatus near water. Install in accordance with the manufacture-r's instructions. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. Do not block any ventilation openings.

No naked flame sources, such as lighted candles, should be placed on the apparatus.

IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions.
- Follow all instructions.
- Keep these instructions.
- Heed all warnings.
- Only use attachments/accessories specified by the manufacturer.

• Power Cord and Plug

Do not defeat the safety purpose of the polarized or grounding type plug.

A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

• Cleaning

When the apparatus needs a cleaning, you can blow off dust from the apparatus with

a blower or clean with rag etc.

Don't use solvents such as benzol, alcohol, or other fluids with very strong volatility and flammability for cleaning the apparatus body. Clean only with dry cloth.

• Servicing

Refer all servicing to qualified personnel. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so .

Servicing is required when the apparatus has been damaged in any way , such as power supply cord or plug is damaged , liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture , does not operate normally, or has been dropped.

The mains plug is used as the disconnect device, the disconnect device shall remain readily operable.