

SONODYNE[®]

SyNC 4001

Professional Digital Conference System

Power Extender

Installation & Operating Manual

IMPORTANT SAFETY INSTRUCTIONS

Thank you for choosing SyNC power extender. Please read this manual carefully as it contains important and helpful information to get the most out of your new product.



TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION: To reduce the risk of electric shock, DO NOT open covers. No user serviceable parts inside. Refer servicing to qualified service personnel only.

CAUTION: DO NOT use alcohol, ammonia or petroleum solvents or abrasive cleaners to clean the devices.



The lightning flash with an arrowhead symbol, with an equilateral triangle, is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to human beings



The exclamation mark within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance

IMPORTANT SAFETY INSTRUCTIONS

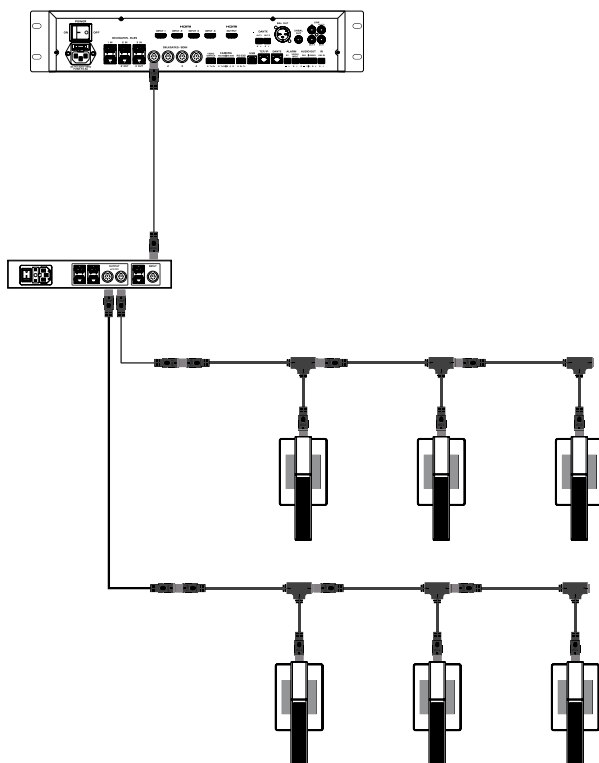
1. Read and follow these instructions.
2. Heed all warnings.
3. Do not stack objects on the equipment
4. Do not use this apparatus near water.
5. Do not switch power on or off rapidly
6. Install in accordance with the manufacturer's instructions.
7. When cleaning the case, first turn off the power plug. Wipe it with a dry cloth, and do not scrub with any corrosive solvent.
8. Use a fixed power outlet with correct capacity to supply power
9. Do not expose to water or fluids. Do not place any fluid containers on the unit.
10. Do not install near any heat sources such as radiators, stoves, or other apparatus (including amplifiers) that produce heat.
11. Do not defeat the safety purpose of the polarized or grounding-type plug.. A grounding type plug has two poles and a third grounding pole. The thick pole or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the outlet.
12. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
13. Only use attachments/accessories specified by the manufacturer.
14. Unplug this apparatus during lightning storms or when unused for long periods of time.
15. Refer all servicing to qualified service personnel. 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 into it or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

1.1 SUMMARY

This product is used to extend the power supply of the speaking unit, and it acts as a relay when the power supply of the controller is insufficient. It has one 8 pin interface input and two 8-pin interface outputs, one dual RJ-45 interface input and two dual RJ-45 interface outputs. The inputs are meant for connection to the controller, while the outputs are meant for connection to conference units

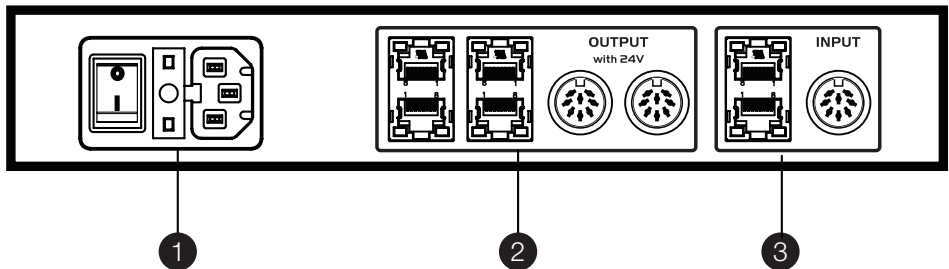
NOTE: Even if the power extender is added, the controller can connect up to 45 microphones in one way

FIG. 1.1:
SYSTEM OVERVIEW



1.2 FUNCTIONS & INSTRUCTIONS

FIG. 1.2:
REAR PANEL



1.2.1.1 REAR PANEL

1. POWER INTERFACE WITH SWITCH
2. OUTPUT INTERFACE (RJ45×2 group, 8 cores × 2 channels)
3. INPUT INTERFACE (RJ45×1 group, 8 cores x 1 channel)

CHAPTER 2:

WORKING ENVIRONMENT & MAINTENANCE

Suitable working environment and proper maintenance methods can extend service life of the equipment effectively. For maintenance please read the contents of this section carefully.

2.1 PUBLIC AREAS

In public areas ensure that the cables attached to the system units, including extension cables, are run and laid out in a neat and tidy manner where they do not interfere and hinder public walk ways.

It is recommended that the chairman unit and the interpreter units are connected at the beginning of a trunk line and not at the end. In public areas where connectors and cables could be trampled on, it is strongly suggested to use protective covers according to the existing protection specifications.

Due to the directivity of the microphone used in the discussion units, every speaker should face the microphone at a convenient distance when speaking, to achieve both best audibility and intelligibility.

2.2 TECHNICAL ROOMS

1. Ensure that the area is a dust-free environment.
2. Ensure adequate ventilation.
3. Ensure adequate lighting. But be sure that the lighting does not impede the operator in the control room and the normal system operation.
4. Do not place objects on the top of units. They could fall into vents or could cover them and thus prevent proper cooling of electronic components inside the units. By falling into a unit, objects could cause trouble such as fire and electric shock.
5. To avoid the risk of shock or permanent damage to the system units, do not expose units to rain or moisture.
6. Do not attempt to remove the top cover of the system main units as you will be exposed to a shock hazard. The covers should only be removed by qualified service personnel. If any repair or maintenance is required, contact the service center in your region.
7. Equipment is only for indoor use. Do not expose it to sunlight.

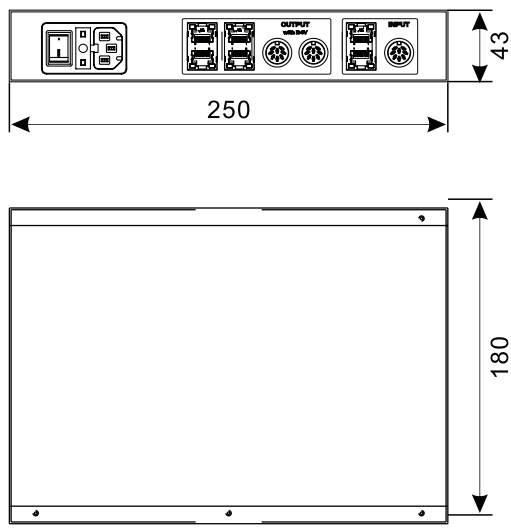
WARNING: Damage to the power cable may cause fire or a shock hazard!

2.3 SYSTEM OPERATOR ROOM

In a PC based system, the operator needs a dedicated room to operate the PC and to manage the congress procedure. Generally, the demands on the operator room are the same as on the interpreter booth. By means of a microphone system, the operator should also be connected to a public - address system to remind the participants of operations, such as voting, signing-in, etc

3.1 PHYSICAL CHARACTERISTICS

POWER EXTENDER	TABLETOP/STANDARD 19" RACK MOUNT
INSTALLATION	Wall mounted
DIMENSIONS (HxWxD)	43mm x 250mm x 180mm
COLOUR	Black
WEIGHT	4.5kg



3.2 ELECTRICAL CHARACTERISTICS

POWER SUPPLY	AC110V-220V/50Hz
INPUT CONNECTOR	DIN-8 x 1 , RJ45 x 1 (group)
OUTPUT CONNECTOR	DIN-8 x 2 , RJ45 x 2 (group)

NOTE: Due to continuous improvements, all specifications are subject to change

NOTES



Register your product
to activate your warranty:
<https://sonodyne.com/registerproduct>



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If you have anything less than a 5 star experience,
please contact us at response@sonodyne.com
and we will make it right

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