

SONODYNE[®]

SyNC 3001

with SyNC 2001/2002

Chairman Unit
Installation & Operating Manual



IMPORTANT SAFETY INSTRUCTIONS

Thank you for choosing SyNC 3001 with SyNC 2001 / SyNC 2002. Please read this manual carefully as it contains important and helpful information to get the most out of your new product.

The SyNC 3001 is the base unit of the Chairman conference unit. The SyNC 2001 and SyNC 2002 are the gooseneck microphones which when screwed onto the base unit forms the complete conference unit.

SyNC 2001 long gooseneck length: 500mm

SyNC 2002 short gooseneck length: 420mm

IMPORTANT SAFETY INSTRUCTIONS

1. Read and follow these instructions.
2. Do not use this apparatus near water.
3. Install in accordance with the manufacturer's instructions.
4. Do not expose to water or fluids. Do not place any fluid containers on the unit.
5. Do not install near any heat sources such as radiators, stoves, or other apparatus (including amplifiers) that produce heat.
6. Only use attachments/accessories specified by the manufacturer.
7. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.

IN THE BOX

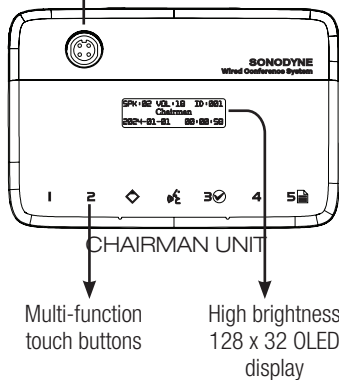
1. Conference System base
2. 8 pin 2m long cable
3. Operating manual

FEATURES

- The unit is powered by the SyNC 1001 controller unit
- It adopts T-type 8-core connection, and the wire is shielded by full-length aluminum foil, which greatly reduces the interference of strong electromagnetic waves on the wire
- It uses professional high-fidelity capacitor microphone having sensitive pickup, clear voice and bandwidth of 20Hz ~ 20kHz
- It adopts anti-interference circuit design to prevent interference from electronic products such as mobile phones
- The gooseneck has a two-colour illuminated ring. It glows red when the unit is spoken into, and green when the delegate unit sends requests to speak to the chairman unit.
- Soft-touch capacitive type switches are used for the various functions. The microphone on switch plus indicator glows red when switched on, and green in off state.
- The unit features a 2.23-inch high-brightness full-view OLED display. It can display the voting, voting mode, unit parameters, date and time, volume, monitoring volume, etc. when operated
- The unit has a 3.5mm headphone socket and a volume up/down button
- The chairman unit has the function of approving the speech request of the delegate
- The chairman unit is not limited by the number of speakers
- The chairman unit has the priority function of controlling the order of the conference
- The connection position of the chairman unit is not restricted
- The chairman unit can initiate sign-in, voting, voting, election and other functions
- A system can support the use of multiple chairman units at the same time

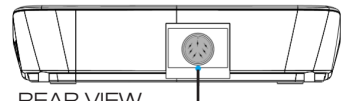
FUNCTION & INDICATION

Socket for attaching gooseneck
(microphone) SyNC 2001 and
SyNC 2002



Multi-function
touch buttons

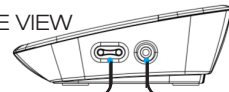
High brightness
128 x 32 OLED
display



REAR VIEW

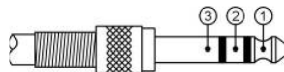
8 pin-DIN standard female socket

SIDE VIEW



Earphone
volume control

Earphone jack
(ø3.5mm x 1)



1. Left stereo channel signal
2. Right stereo channel signal
3. Power ground/ shield

MULTI-FUNCTION TOUCH BUTTONS

There are 7 touch type buttons on the chairman unit. These buttons have the following functions, arranged from left to right

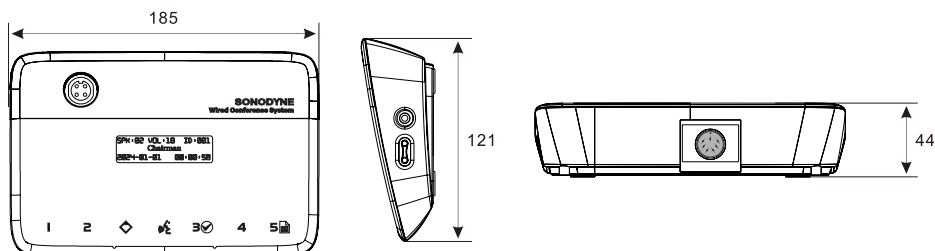
1. **BUTTON 1** - This has 2 functions- service request button for tea, when button 4 is first long pressed, and voting button, when button 5 of chairman unit is first long pressed. Pressing button 1 under this condition indicates voting choice denoting "Yes"
2. **BUTTON 2** - This has 2 functions- service request button for pen, when button 4 is first long pressed, and voting button, when button 5 of chairman unit is first long pressed. Pressing button 2 under this condition indicates voting choice denoting "Abstain"
3. **PRIORITY BUTTON** - This button is present only in Chairman unit. It has the following function
All active delegate microphones will be turned off when this key is pressed
All active delegate microphones will be muted temporarily when this key is long pressed
4. **MICROPHONE ON/OFF BUTTON**: This is a microphone on/off button with indicating light for the chairman unit. Press this key to activate/deactivate the microphone
5. **BUTTON 3** - This has 3 functions - service request for Help, delegate speech approve and voting function.
Service request for Help - When button 4 is long pressed, pressing button 3 sends service request for Help.
Delegate speech approve - When the "Speak" mode of controller is in "Apply" position (please refer to Section 2.1.4.2, Fig 2.70 of SyNC 1001 manual), and the delegate unit presses the microphone on/off button, the light in the gooseneck ring will turn green, indicating the delegate's request to speak is on hold from the chairman. When the chairman presses button 3, request is granted and the light will turn to red indicating that the microphone is active.
Voting function - When button 5 of chairman unit is long pressed, pressing button 3 indicates voting choice denoting "No"
6. **BUTTON 4** - This works in long press mode only, in conjunction with other buttons - buttons 1, 2 and 3
7. **BUTTON 5** - This works in long press mode only, in conjunction with other buttons - buttons 1, 2 and 3

SPECIFICATIONS

PHYSICAL CHARACTERISTICS

CONFERENCE UNIT

INSTALLATION	Counter top
DIMENSIONS (HxWxD)	44mm x 185mm x 121mm
COLOUR	Black
WEIGHT	Base: 0.53kg, MIC: 0.07kg



ELECTRICAL CHARACTERISTICS

CONFERENCE UNIT

WORKING VOLTAGE	DC24V
CABLE	DIN-8P
CAPSULE	Cardioid
SENSITIVITY	-46 dBV/Pa
FREQUENCY	20Hz~20kHz
INPUT IMPEDANCE	2k Ω
DIRECTIONAL 0°/180°	>20dB (1kHz)
EQUIVALENT NOISE	20dBA (SPL)
SPL	125dB (THD<3%)
S/N RATIO	>80dB
T.H.D	<0.05%
DISPLAY	128 x 32 OLED
EARPHONE LOAD	>10 Ω
EARPHONE VOLUME	10mW
EARPHONE INTERFACE	3.5mm $\times$ 1

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

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