Window Intercom System

OP-6510
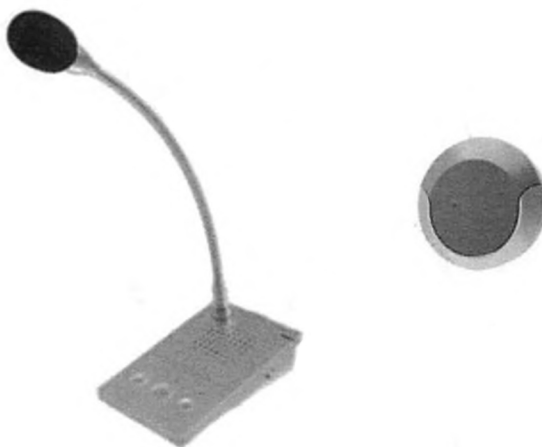
User Guide
2021

EN |Contents

Safety precautions

Indicates a potentially hazardous situation which, if mishandled, could result in death or serious personal injury

Indicates a potentially hazardous situation which, if mishandled, could result in moderate or minor personal injury, and/or property damage

WARNING

Installation

• Do not expose the unit to rain or an environment where it may be splashed by water or other liquids, as doing so may result in fire or electric shock.

• Use the unit only with the voltage specified on the unit. Using a voltage higher than that which is specified may result in fire or electric shock.

• Do not cut, kink, otherwise damage nor modify the power supply cord. In addition, avoid using the power cord in close proximity to heaters, and never place heavy objects -- including the unit itself -- on the power cord, as doing so may result in fire or electric shock.

• Avoid installing or mounting the unit in unstable locations, such as on a rickety table or a slanted surface. Doing so may result in the unit falling down and causing personal injury and/or property damage.

• Install the unit only in a location that can structurally support the weight of the unit and the mounting bracket. Doing otherwise may result in the unit falling down and causing personal injury and/or property damage.

While using the machine

• Should the following irregularity be found during use, immediately disconnect the power supply plug from the AC outlet and contact your nearest OPUS Technologies dealer. Make no further attempt to operate the unit in this condition as this may cause fire or electric shock.

• If you detect smoke or a strange smell coming from the unit. ·
• If water or any metallic object gets into the unit
• If the unit falls, or the unit case breaks ·
• If the power supply cord is damaged (exposure of the core, disconnection, etc.)
• If it is malfunctioning (no tone sounds.)

• To prevent a fire or electric shock, never open nor remove the unit case as there are high voltage components inside the unit. Refer all servicing to your nearest OPUS Technologies dealer. • Do not insert nor drop metallic objects or flammable materials in the ventilation slots of the unit's cover, as this may result in fire or electric shock.
• Do not touch a plug during thunder and lightning, as this may result in electric shock.

Safety precautions

⚠ **Caution**

While using the unit

• Never plug in nor remove the power supply plug with wet hands, as doing so may cause electric shock.

• When unplugging the power supply cord, be sure to grasp the power supply plug; never pull on the cord itself. (Operating the unit with a damaged power supply cord may cause a fire or electric shock.)

• Do not block the ventilation slots in the unit's cover or fan exhaust vent. Doing so may cause heat to build up inside the unit and result in fire.

• Be sure to follow the instructions below when rack mounting the unit. Failure to do so may cause a fire or personal injury.

• Install the equipment rack on a stable, hard floor. Fix it with anchor bolts or take other arrangements to prevent it from falling down.

• When connecting the unit's power cord to an AC outlet, use the AC outlet with current capacity allowable to the unit.

When the Unit is in Use

• Do not place heavy objects on the unit as this may cause it to fall or break which may result in personal injury and/or property damage. In addition, the object itself may fall off and cause injury and/or damage.

• Do not stand or sit on, nor hang down from the unit as this may cause it to fall down or drop, resulting in personal injury and/or property damage.

## Product introduction

Internal window intercom

Internal window intercom

Main Features

- The intercom integrates a Digital Signal Processing (DSP) avoiding squeaking and providing real digital full-duplex .
- Using physical button (press button pad).
- Auto recognition of sound source, control of environment noises and automatic volume adjustment for a pristine reproduction of original sound.
- Three mode scene (quiet, standard, noisy) thanks to a single button
- Wiring between external and internal intercom over a single cable, avoiding poor contacts potentially caused by moving the device on the desk for example.
- Professional metal structure design, adopting hard metal housing to prevent resonance, purify and naturalize the sound to make it transparent
- Personalized and customized service message playback: "Hello, welcome", "Thank you. See you next time".
- Supporting recording via DVR.

Hardware interface instruction
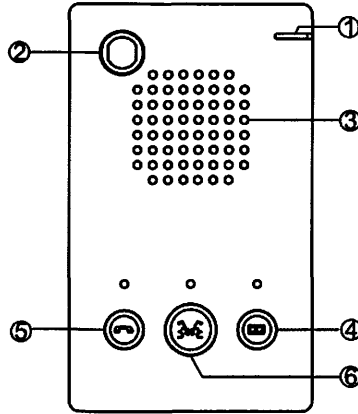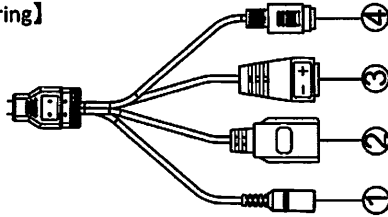

Internal window intercom

【Front view】

①Working indication light: red light indicates offiline status, green : online status

② Microphone pole socket: insert the microphone pole and collect the local intercom audio

③Loudspeaker: amplify the audio from the external window intercom.

④ Recording Button: During conversation , pressing it to record , press again to end record. When recording, the corresponding indicator light will flash red (After intercom part and external part are connected)

⑤Voice broadcast button/ remote intercom button (left):
*   When the intercom button ⑤ is on (blue light ON):
*   Press voice broadcast button shortly to broadcast "Hello, welcome" message.
*   Press long (1 second) to broadcast "Thank you, welcome next time".
*   The broadcast button flashes green during broadcasting.

⑥Intercom button: press the button to communicate with the external speaker. End the conversation by pressing the button again. The intercom button light blue during conversation.

⑦
【Side view】
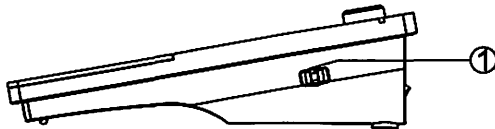
①Scene mode regulating switch:3 scene mode adjustment 【noisy (1) 、 standard (2) 、 quiet (3) 】, defaulted as standard mode.

【connection wiring】

①Power interface: connect with DC12/1,5A power.

② Network Interface: Only for OP-6502IP intercom

③Analog audio output interface: output analog audio, connect with DVR, IP camera or DCL20.

④External window intercom speaker.

【External window intercom】
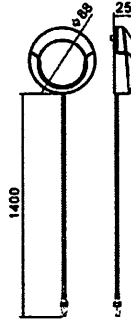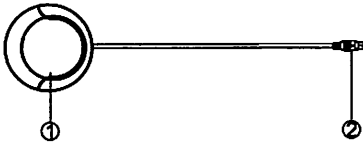
①Loudspeaker/MIC :
Loudspeaker : amplify the local intercom audio ; MIC : pick up the local intercom audio ;
②Internal window intercom interface
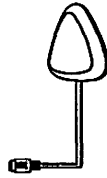

Introduction

Packing list

Window intercom system include the following accessories:
(*to be checked upon reception. Please contactyour local distributor if any parts are missing.*)
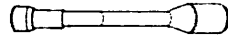
(1)   Internal window intercom 1 set
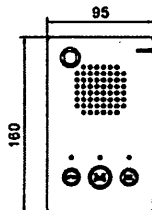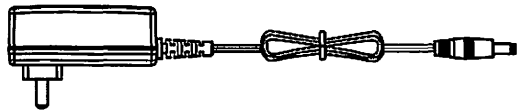
(2)   External speaker 1 set

(3)   Gooseneck microphone (IM-300BY)
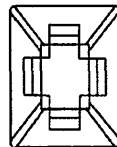
(2)   Power adapter 1 pcs

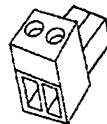(3)   Wire binder (3*100mm) 3 pcs

(4)   Self adhesive clamp 3 pcs
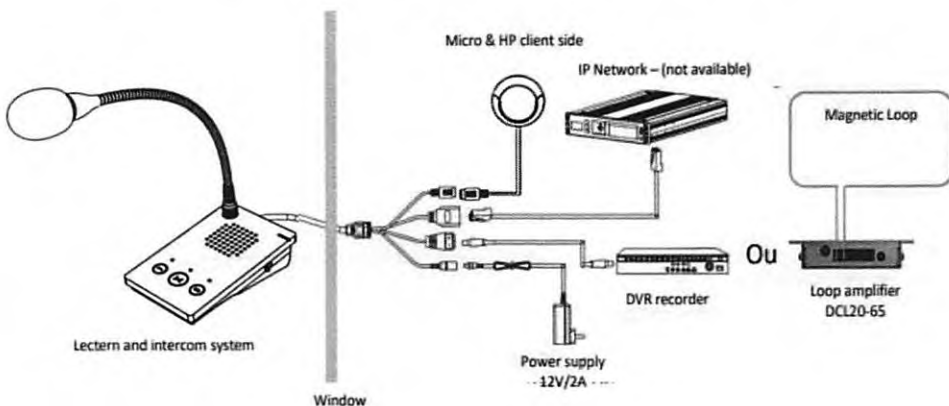
(5)   Wiring connector (3.81-2P) 1 pcs

(6)   Quick installation manual 1 pcs

Wiring

(1)   Connect the power adapter connector to the power interface of central unit (red colored connector).

(2)   Connect the speaker customer side with the intercom central unit

Basic function

Local intercom

After connecting the internal and external window intercom modules, turn on the power. Press the intercom button of internal window intercom. The internal window intercom can perform digital full-duplex HD intercom with the external window intercom. Press the intercom button again to turn off the intercom.

Scene mode adjustment switch:
3 scene modes are available:
1.   Noisy (to the front)
2.   Standard (in the middle)
3.   Quiet (to the back)
Standard is the default mode.

Warm prompt

During intercom conversation, press shortly on the voice broadcast button (left button). The window intercom system will automatically broadcast the welcome prompt "Hello, welcome". Press longer on the left button to broadcast the goodbye prompt "Thank you, welcome next time." Press the button again or short press any other buttons to end the prompt during broadcasting.

Recording

Analog recording

The internal window intercom can output analog audio and be connected to a DVR to automatically record on the hard disk of the recorder.