

DESCRIPTION

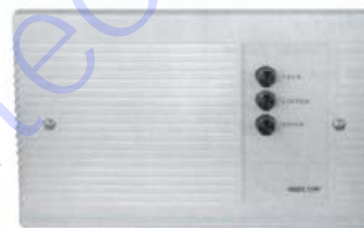
The Consulab CL-21 is an educational intercom trainer. The system is mounted on a wooden panel that can be installed on a wall or into a Consulab rack. The CL-21 Intercom System is built so that students can assemble, wire and connect different circuits and components. The trainer is comprised of the following:

- Two (1) apartment suite stations (A)
- Two (1) plastic rings (B)
- One (1) 4-apartment lobby entrance panel (C)
- One (1) panel frame (D)
- One (1) flush back box (E)
- One (1) amplifier (F)
- One (1) electric door strike (G)
- One (1) transformer (H)



A. APARTMENT SUITE STATION

Low profile white apartment suite stations housing a 3½" speaker. Station must be used with the IB-10A plaster ring or IB-2A backbox. Pressing an apartment call button on the lobby entrance panel generates a call signal in the apartment suite station. Conversation is controlled at the suite station with the TALK and LISTEN push buttons and once identification is established, operating the door release push button allows the visitor to enter.



MAIN FEATURES

- Single or dual voice coils
- Modern styling
- High impact polystyrene
- Momentary push buttons for TALK, LISTEN and DOOR
- 45 Ω voice coil
- Compact flush mounting

General Specifications

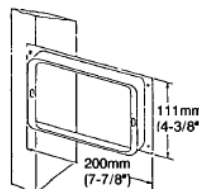
Dimensions: 133 x 203 x 13 mm
 Number of buttons: 3 momentary push buttons with self-wiping contacts, (3 common, 1 selective)
 Mounting: Backbox or plastic ring

B. PLASTIC RING

Station plastic ring. Rust-proof. Satin coated steel.

General Specifications

Dimensions: 111 x 200 mm



C. 4-APARTMENT LOBBY ENTRANCE PANEL

The 4-apartment lobby entrance panel design has been inspired by the continuous demands of architects, engineers, contractors and building owners. Made from rugged aluminium alloy the lobby entrance panel is built to withstand years of use and abuse. A unique pinhole locking system does away with common fastening providing a clean appearance. The pinhole locking mechanism also resists tampering by individuals attempting to vandalize the panel. It includes four call buttons and directory spaces to accommodate system sizes for four apartments.

Main Features

- Modular design enables individual modules to be stocked
- Height of Frames match common apartment mail box sizes
- Corrosion-resistant exterior
- Made from anodized aluminium, the panel can withstand years of environmental abuse
- Clear indication of tenant call buttons
- A 'paper-like' film directory insert can be easily updated
- Standard Rough-in backbox sizes



D. PANEL FRAME

The panel frame is made of 18 gauge steel and it is perfectly designed for flush backboxes. Quality construction. One panel housed.

General Specifications

Dimensions: 160 x 454 x 11 mm



E. FLUSH BACKBOX

Heavy gauge aluminum surface. The backbox provides knockouts on top and bottom for electrical conduits and wire connections.

General Specifications

Dimensions: 133 x 425 x 82 mm



F. AMPLIFIER

The amplifier provides audio amplification, control and power needed to operate an apartment intercom system. Extensive tests were performed to develop a reliable, long lasting intercom amplifier with precision amplifier circuits to provided crystal clear audio reception. Adjustable door delay timing. AC or DC door operation.



G. ELECTRIC DOOR STRIKE

The electric door strike allows you to open the door with the touch of a button. It can be operated at 8-12V AC or 4-6V DC. The system is fail secure so that it stays locked without power. Featuring a stainless steel faceplate and heavy-duty latch, the electric door strike will mount to most wood or aluminium frames. In the event of power failure, the door latch will be locked until power is restored.



H. TRANSFORMER

General specifications

Voltage: 16V AC
Power: 10 VA

