



## Description

The FDH-420 Full Duplex Handset Station allows the user to talk and listen simultaneously with a master station handset or another full duplex handset station. These units are ruggedly constructed and include an armored handset cable with a strain relief on each end.

The FDH-420 may be ordered with an optional magnetic hook switch and pushbutton switch. (As a volume control, the pushbutton switch steps through 8 preset volume levels. )

Full Duplex handset station are powered through the audio lines that are connected to the DXL SAB-400/401 station audio boards or the DXL SCC/400/401 station control cards.

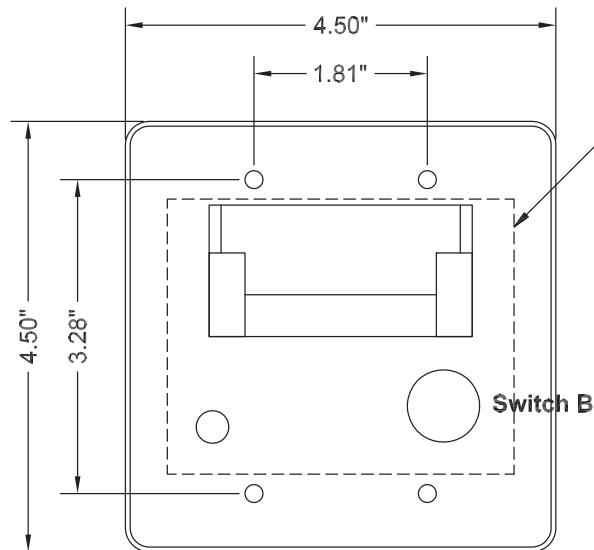
## Features

- full duplex audio channel
- hearing aid compatible
- optional switch that can be used for volume control or other function
- switch closures, power and audio use two 2-wire shielded cables
- hook switch sends automatic call request signal
- 11 ga heavy-duty brushed stainless steel faceplate
- optional coiled cord handset with PTT
- rugged cable strain relief
- rugged metal handset cradle
- impact resistant handset
- depluggable MTA100 series connectors eliminate wire stripping during servicing and installation
- mounts on standard 2 gang electrical boxes
- compatibility with all standard #6-32 mounting hardware allowing any type of security screw to be used

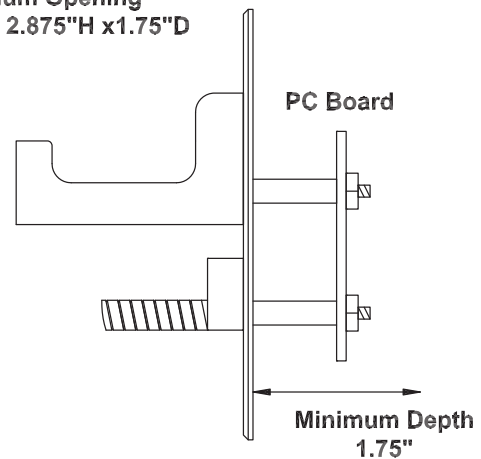


## Specifications

Physical	4.5" H x 4.5" W x 2.00" D (114 x 114 x 45 mm)
Faceplate	
Heavy-duty	11 ga brushed stainless steel
Environmental	
Operating Temperature	32 to 122 °F (0 to 50 °C)
Storage Temperature	-40 to 158 °F (-40 to 70 °C)
Humidity	0 to 95 % non-condensing
Field Connections	4 pin MTA100 connectors
Cabling	2 22 ga shielded twisted pair



**Minimum Opening**  
3.625"W x 2.875"H x 1.75"D



## Ordering Information

Part number FDH-420-ABC-DEF

- A faceplate options
  - 2 2 gang heavy-duty (11 gauge)
  - 9 custom (add H x W x ga to part number)
- B handset switch
  - 0 none
  - 1 handset switch
- C handset cable (lengths are nominal)
  - 1 6 foot coiled cord
  - 2 20 inch armored
  - 3 32 inch armored
  - 4 48 inch armored
  - 6 62 inch armored (special order)
- D hook switch
  - 0 none
  - 1 hook switch in cradle

- E pushbutton switches
  - 0 none
  - 1 one (switch B)
- F internal loudspeaker/microphone
  - 0 none

