

## ICB-400 Intercom Board

### Description

The ICB-400 Intercom Board is used to transform generic 45 ohm intercom stations to obtain full MicroComm DXI quality and performance. It can also interface ceiling speakers with a 25-volt, 5-watt matching transformer, and external call switch as intercom stations. Standard mounting holes with 2.13" spacing are used for mounting via nylon standoffs directly to station loudspeakers. Insulated versions with Velcro strips are used with overhead loudspeakers, parking gate pedestals and other similar applications.

### Features

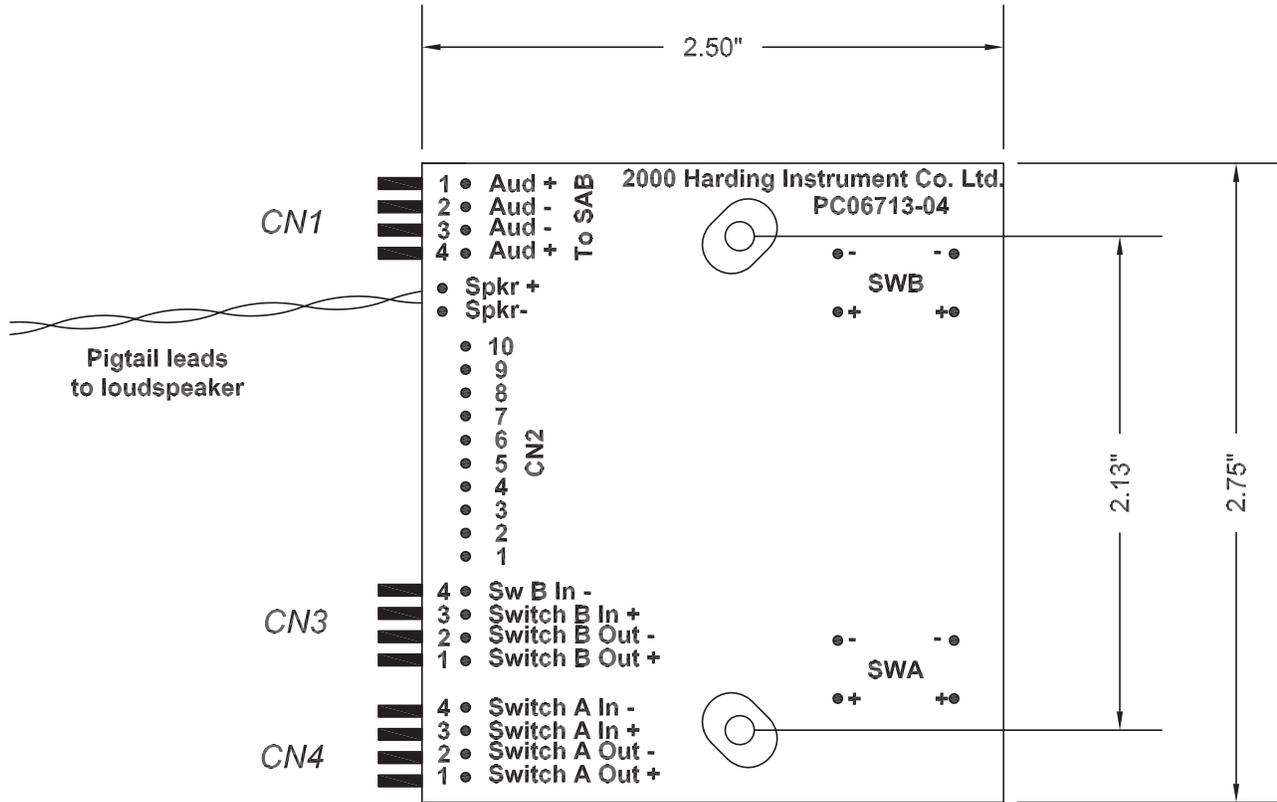
- internal termination circuitry for line supervision to detect open and short circuit wiring faults
- half duplex audio channel to the intercom station
- internal preamplifier for superior audio sensitivity and crosstalk immunity
- switch interfaces with pigtail and header options.
- can be used to retrofit existing stations into stations that are compatible with a DXI or DXL system
- single shielded twisted pair 22 ga cabling for audio and switch(es)
- interfaces directly to a 45-ohm loudspeaker
- can interface to an 8 ohm cone type loudspeaker through a 25-volt matching transformer set at a 5 watt tap
- not recommended for compression driver type loudspeakers



### Specifications

Physical Form Factor

2.5" x 2.75" printed circuit board  
(65 x 70 mm)



### Ordering Information

Part number ICB-400-ABC-DEF

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| <p><b>A</b> package options</p> <ul style="list-style-type: none"> <li>1 standard</li> <li>2 insulated</li> </ul> <p><b>B</b> weather resistant options</p> <ul style="list-style-type: none"> <li>1 normal</li> <li>2 weather resistant</li> </ul> <p><b>C</b> switch B options</p> <ul style="list-style-type: none"> <li>1 pigtails</li> <li>3 standard switch (must order with D=3)</li> <li>4 none with header (must order with D=4)</li> </ul> <p><b>D</b> switch A options</p> <ul style="list-style-type: none"> <li>0 none</li> <li>1 pigtails</li> <li>3 standard switch (must order with C=3)</li> <li>4 none with header (must order with C=4)</li> </ul> | <p><b>E</b> output options</p> <ul style="list-style-type: none"> <li>1 45 ohms with pigtail</li> <li>4 45 ohms with header</li> </ul> <p><b>F</b> pigtail options</p> <ul style="list-style-type: none"> <li>0 none</li> <li>2 12 inch</li> <li>3 24 inch</li> </ul> |
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