Description

The VBS-420 Visiting Booth Stations are used to provide stand alone visitation intercom functions between a primary handset and one or two secondary handsets. The VBS-420 provides station enable/disable, a monitoring output, and an audio input. These units are ruggedly constructed and include an armored handset cable with strain reliefs on each end.

The VBS-420 may be ordered with an optional volume control. The volume switch steps through 4 preset volume levels, and allows the volume to be increased for the hard of hearing. The primary station must have the volume control option to connect to secondary stations with a volume switch.

The VSB-420 primary and secondary can be supplied with two optional on/off hook form C relay contacts.

Visiting booth stations are externally powered by a 12 or 24 Vdc power supply.

Features

- full duplex audio channel
- hearing aid compatible
- external enable/disable control
- monitoring output and audio input ports
- optional volume control for primary as well as secondary stations
- heavy-duty brushed stainless steel faceplate
- armored handset cable
- rugged cable strain reliefs
- rugged metal handset cradle
- impact resistant handset
- depluggable MTA100 series connectors eliminate wire stripping during servicing and installation
- designed for mounting on standard 2 gang electrical boxes
- compatibility with all standard #6-32 mounting hardware allowing any type of security screw to be used

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical</td>
<td>4.5” H x 4.5” W x 1.6” D (114 x 114 x 41 mm)</td>
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<tr>
<td>Faceplate</td>
<td>Heavy-duty</td>
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<tr>
<td>Environment</td>
<td></td>
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<tr>
<td>Operating Temperature</td>
<td>32 to 122 °F (0 to 50 °C)</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-40 to 158 °F (-40 to 70 °C)</td>
</tr>
<tr>
<td>Humidity</td>
<td>0 to 95 % non-condensing</td>
</tr>
<tr>
<td>Power Supply</td>
<td>12-24 Vdc ± 10%, 50 mA max</td>
</tr>
<tr>
<td>Hookswitch Contacts</td>
<td>0.25 A switching (non-inductive)</td>
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<tr>
<td></td>
<td>1.00 A carry</td>
</tr>
<tr>
<td>Field Connections</td>
<td>4 pin or 6 pin MTA100 connectors</td>
</tr>
<tr>
<td>Cabling</td>
<td>22 ga shielded twisted pair</td>
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</tbody>
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Ordering Information

Part number VBS-420-ABC-D

A  faceplate options
   2  2 gang heavy duty
B  primary/secondary option
   1  primary station
   2  secondary station
   3  primary station with 2 form C on/off hook switch contacts
   4  secondary station with 2 form C on/off hook switch contacts
   5  stand alone primary station with 1 form C and 1 form A on/off hook switch contacts, and line level audio in/out
C  handset cable length
   2  20 in armored
   3  32 in armored
   4  48 in armored
   6  72 in (special order) armored
D  volume control
   0  no volume control
   1  volume control