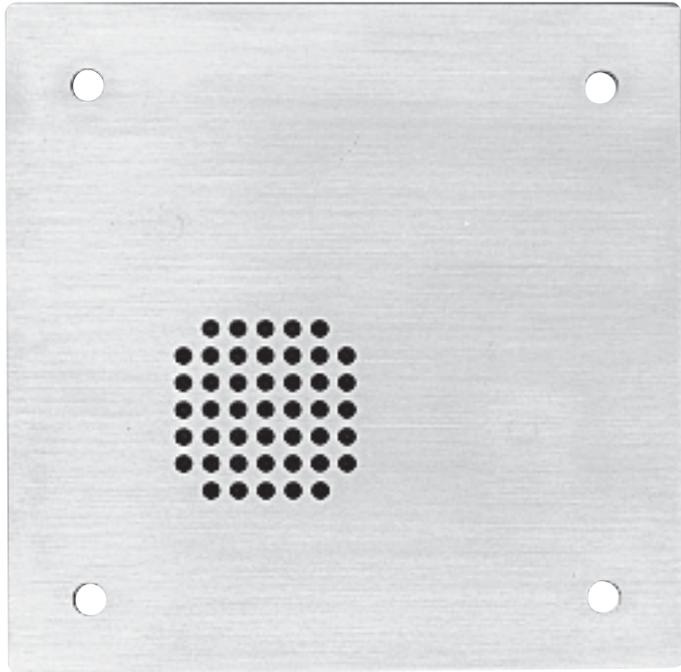




VPVT-4PB

Operation Vandal Proof Intercom Station



VPVT-4PB

General Description

VPVT-4PB vandal proof loudspeaker station can withstand damage caused from abuse, moisture, corrosion, dust, and vibration and temperature extremes. Station is available in 15 Watt model with 12-gauge stainless steel plate mounted to the high efficiency VT Series compression driver. Patented 8Ω driver with water-sealed die cast zinc housing and exponential sound projector is recognized for dependable performance and high intelligibility voice and signal transmission. Driver functions as a loudspeaker and a microphone for hands-free remote station communication with a centrally located master control. VPVT-PB Series incorporates a vandal proof call switch with 3 amp contact rating for call-in signalling capability. Call switch is a heavy duty, momentary action push button, flush mounted for security and durability. Station assemblies install with tamperproof, button-head breakaway screws to a recess mounting enclosure (order separately). VPVT-4PB is 7¼"SQ (184mm) and mount to enclosure Model VP-77 size 5½"W x 6¼"H x 3½"D (159 x 140 x 90mm). The enclosure is 16-gauge CRS with a rust preventive coating.

Specifications

Power Rating	15 Watts
Transformer	25V
Power Taps	2, 4, 8, & 15 Watts
Sound Pressure Level	102dBA
Frequency Response	400Hz – 4kHz
Sensitivity as Microphone	-26dBm

Architect and Engineer Specifications

Vandal proof paging and intercom loudspeaker(s) shall be Atlas Sound Model VPVT-4PB or approved equal. Station(s) shall be comprised of an 8Ω water sealed environment resistant compression driver in die cast zinc housing mounted to an 12-gauge stainless steel protective plate. Driver shall function as a microphone with a minimum sensitivity of -26dBm. Station(s) equipped with call switch shall include a vandal proof flush mounted momentary action push button switch with a contact rating of 3 amps. Station(s) shall have a power rating of 15 Watts (2 Watts) with a frequency response of 400Hz–4kHz. Assembly shall include 25V transformer with 2, 4, 8 & 15 Watt taps. Stations shall mount with vandal proof button-head break away screws to a recessed mounting 16-gauge CRS protective enclosure finished in rust resistant coating. VPVT-4PB shall mount to Atlas Sound VP-77 Series backbox.

Features

- Damage Resistant Intercom and Paging Loudspeakers For Indoor or Outdoor Installation Provide Protected High Intelligibility Communication
- Proven Performance Reliability of the Patented VT Series Environment Resistant Compression Driver
- Operational Flexibility of Stations Equipped With Vandal Proof Call/Signal Origination Switch or Optional Stand Alone Push Switch Accessory

Applications

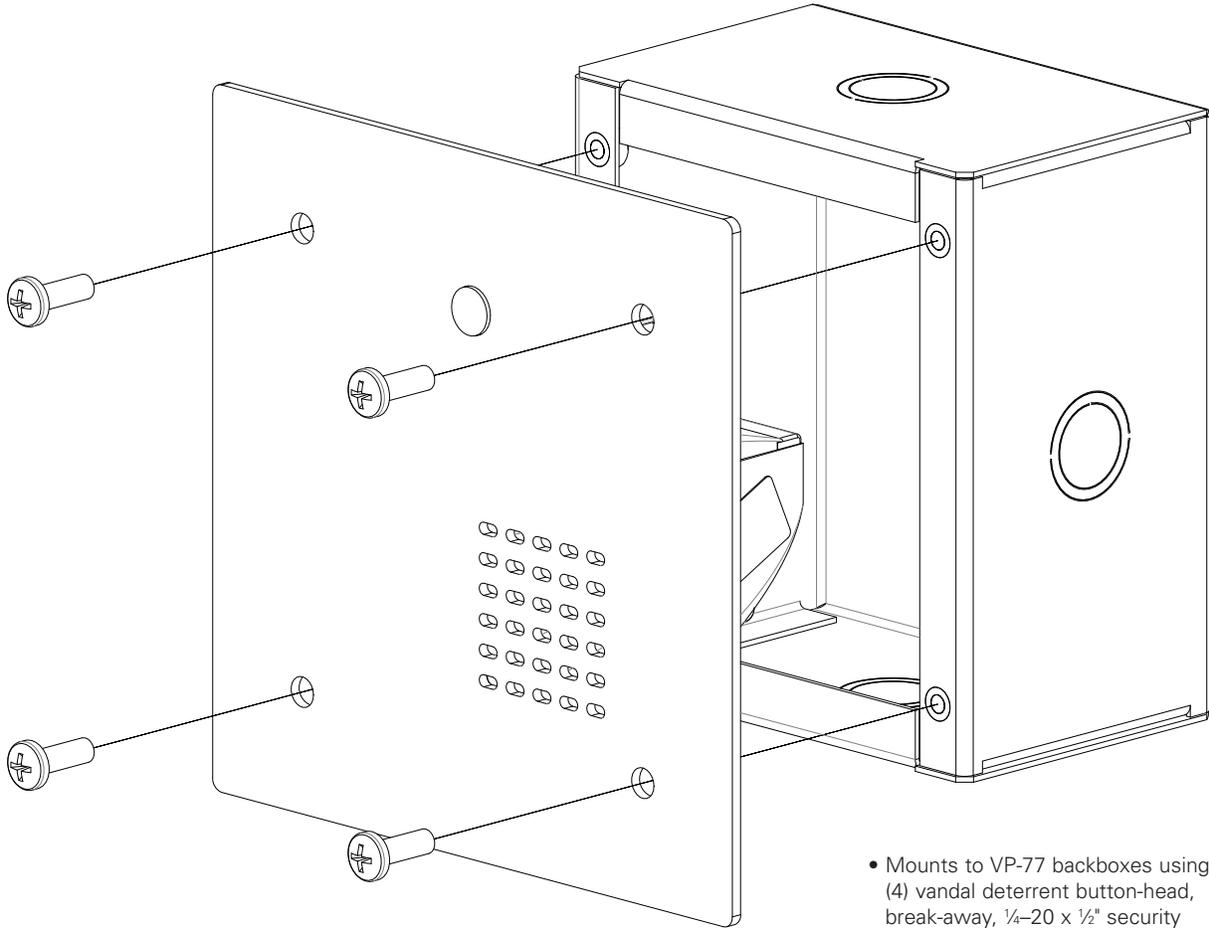
The vandal proof intercom and communications station is designed for use in correctional institutions, detention facilities, public access, railroad and bus terminals, drive-in services, garages, access gates, lobbies, hallways, and recreation facilities. This heavy duty, weather-proof unit with environment resistant compression driver is engineered for effective voice and signal transmission with long term service life and trouble free reliability. High power 15 watt model is for installation in large open areas and where maximum power is required to achieve audibility in high ambient sound environments.

©2011 Atlas Sound L.P. All rights reserved. Atlas Sound and Strategy Series are trademarks of Atlas Sound L.P. All other trademarks are the property of their respective owners. AT5001814 RevC 6/11

Mounting VPVT-4PB Using VP-77 Backbox

Backbox (Order Separately)	VP-77
Width	5½" (159mm)
Height	6¼" (140mm)
Depth	3½" (90mm)
Hardware	¼-20 x ½" Screws button head breakaway

Backbox Mounting Recessed Installation VPVT-4PB



- Mounts to VP-77 backboxes using (4) vandal deterrent button-head, break-away, ¼-20 x ½" security machine screws.