Atlas Sound

Visikom Telephone Visitation System

PVP-24 / PVP-6. Modular telephone intercommunication system accommodates up to 24 independent telephone conversations of two or more telephone stations each for use where physical separation between communicating individuals is desired. Typical applications include customer telephones and visitation areas of detention, correctional and penitentiary facilities. System is comprised of PVP-24 control unit, PVP-6 plug-in interface module and standard telephone stations with two form "C" (DPDT) hook switches including Atlas Sound CE Series. A Surface-mounting control unit includes power supply, four ¾" cable access holes and ports for installation of up to four PVP-6 modules. Each plug-in module will control up to six isolated telephone circuits for a total system capacity of 24 circuits. Chassis and lift-off cover are constructed of 18-gauge CRS and finished in textured black epoxy. Wiring requirements are two conductor, telephone type. For complete wiring and installation information, see AtlasSound.com.

PVP-24

CE-2A-AC

TS302A

LT600-VC

TPS24-05

Telephone Intercom Stations & Accessories

Wall Mount Handset / Hookswitch Assembly

CE-2A. Economical handset assembly provides clear and crisp speech reproduction for intercom and paging functions. It includes a "500" style handset and two form "C'' (DPDT) hook switches mounted to a 2-gang plate with rear mounted terminal strip, color coded leads and spade lugs. Model features a chrome hanger hook switch, neutral handset, flexible coil cord and stainless steel plate for mounting directly to a standard E.O. Box.

PT Option. Factory-installed push-to-talk handset button provides for relay control and a variety of switch, communication, and signaling functions. Contact switch arrangement is SPDT wired as normally open. Option is available on CE Series telephone stations as noted.

AC Option. For telephone vandal protection, this 25" stainless steel armored cable securely fastens the mounting plate and handset for service-free operation in public access areas.

Telephone Intercom Enclosure

TS302A. Surface-mount 2-gang enclosures designed for CE Series intercom stations. CRS unit is finished in neutral gray epoxy

600Ω Impedance Matching Transformer

LT600-VC Versatile unit for matching telephone-type, 600Ω line circuits with HI-Z circuits. It can also be used as a 600Ω to 600Ω isolation transformer. Recommended for coupling of telephone-type lines into amplified sound systems, background music and paging systems, recording equipment, or studio electronics. Built-in potentiometer provides optional adjustability for the 25K output level. The 600Ω input may be matched to 600Ω, 10KΩ and 25KΩ circuits. All components are mounted on a printed circuit board. Steel chassis includes mounting ears and "insta-mount" tape. Transformer is shielded to minimize induced hum. Unit includes a phono jack on the output side for convenient connection to amplifier or other equipment circuitry. Jack can be connected to various transformer taps via barrier strip jumper. (Factory-installed jumper connects jack to potentiometer output).

Telephone Power Supply

TPS24-05. A combination 24VDC/TALK voltage power supply engineered to power most common-talk telephone intercom systems (Section 8). Includes 6' power cord and black epoxy finish. For information on common-talk intercoms, see SL8-1433 at AtlasSound.com.
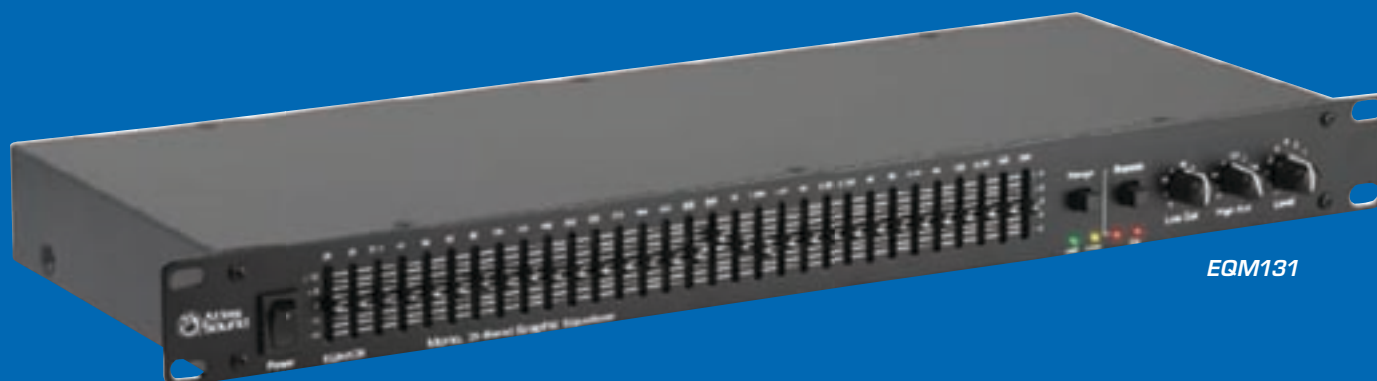
AA-GPN1200

AA-GPN1200

General Purpose Generator

AA-GPN1200 is an analog masking signal source and generator. It is capable of producing both white and pink noise for basic masking systems or audio equipment testing. It is designed to help eliminate the auditory distraction associated with open office plan environments as well as providing conversation privacy in facilities such as schools, churches, restaurants, and offices when used with appropriate masking loudspeakers and amplifiers.

The AA-GPN1200 features a variable balanced output via Phoenix connector and will deliver a 1V balanced output that will match input circuits of Atlas Sound equalizers and amplifiers. A variable High Cut filter supports basic sound masking equalization with the EQ filter operating between 1kHz and 8kHz with a 6dB/oct slope. This small but effective generator can be used standalone or rack mounted (rack mount kit included), with up to three AA-GPN1200 in a single 1RU when multiple zones are needed. Controls are rear mounted to help prevent unauthorized adjustments.

EQM131

⅓ Octave Equalizer

The EQM131 will provide basic system equalization for sound masking or general public address applications at an amazingly affordable price.

The 1RU EQM131 is easily connected to any system via rear panel balanced TRS and XLR jacks. Unbalanced RCA connections are also provided for use with -10dBV equipment. Front panel mounted Low Pass Filter / High Pass Filter and level controls are provided along with a switch for ±6 or ±12dB operation and 31 sturdy 20mm filter slide controls. The ISO centered ⅓ octave bandwidth-constant Q filter design minimizes interaction between filters yet is still wide enough for creation of correction curves.

When used with the Atlas Sound AA120M mixer amplifier and AA-SMG sound masking module, the EQM131 can be used to create a ⅓ octave masking spectrum which is fed directly to the AA120M amplifier section. Paging or music inputs can receive high frequency shelving equalization for better intelligibility from the AA120M front panel controls. The page / music inputs and masking module output can then be summed without affecting the masking source spectrum equalized by the EQM131.

Sound Masking Generator & Graphic Equalizer