

bexel asg

AUDIO SPECIALTIES GROUP

CUSTOM PRODUCTS

Bexel ASG Custom Products | Bexel ASG Custom Solutions

We Hear You. The core business of the Bexel ASG Engineering Team is innovation. Custom innovation applied to leading edge equipment in the three primary technical service areas of production sound: Intercom, Pro Audio and Wireless technology. When Group companies run into challenging production environments and 'impossible' applications, Bexel ASG Solutions come in... Our 'Enhancement' products have been developed to answer questions and solve problems reported by our customers in real world situations. The goal is to increase features between the manufacturers products and the end user... and often, vice versa.



"This stuff is first-rate.. it really does make the difference. No one else I know has such great interface devices, and so many of them. You guys are light years ahead of all of your competitors!"

PD-6



A problem solving accessory for matrix intercom systems that need to connect with four-wire audio circuits. The PD-6 provides six independent XLR In/Out connectors which terminate into a DB-9 Female. The DB-9 can be located on the front with the XLR connectors or relocated on the rear for a wide variety of rack wiring techniques. The DB-9 connector is pin-for-pin compatible with the Clear-Com FOR-22 4-wire interface while the screw-on DB-9 to RJ-type connector allows the PD-6 to connect directly to a Clear-Com, Drake or other matrix-type intercom system frame.

Introducing MAST Series | Managed Antenna System Technology

A solution for the RF infrastructure problems facing broadcasters today. Bexel ASG sales companies can sell and engineer a solution to provide your entire facility with intercom and wireless microphone coverage using a group of unique RF products. As you meet the family, remember that there are two sides to complete Bexel ASG RF coverage...

MAS-101



Check it out! It's back and better than ever. First introduced in 2000, and winner of the prestigious Vidy Award at NAB 2002, the new MAS-101 allows up to four sets of diversity antennas to feed up to four separate receivers! It can also be used to feed downstream distribution amplifiers such as the...

MAS-116



Diversity 1x16 RF distribution amplifier. This product features two completely separate 1x16 DAs. Each input has adjustable Gain, Phantom Power, and enable controls. All sixteen outputs are filtered to the customers needs. No zone, or split filtering is required. For more complex Receive systems, the...

MAS-122

NO PHOTOS PLEASE! Strictly Classified. Eyes Only. But NOT your eyes...YET.

The TOP SECRET MAS-122 is a diversity, dual input selector. This allows two alternating electro magnetically isolated parts the same facility to be selected as the feed into the distribution system.

Transmit Side

Most systems go beyond the basic need for microphone coverage and require wireless talent cuing and intercom systems as well. To combine multiple transmitters together is a significant technical achievement. Only recently have devices come on the market that allow this to work with high enough quality for our typical installations. However, even these products can't provide the legal limit of 250mW of output power for the installations that absolutely command the need for the maximum power allowable. So we developed the...

MAS-204



Four-Channel Zero-Loss Transmitter combiner. The MAS-204 is a 2-RU chassis that uses four proprietary 2-watt power amplifiers overcome the losses of the RF combining circuit. True +24dBm (250mW) power is achieved for each carrier from 490MHz to 600MHz.

Of course, as the system grows, the ability to control it is mandatory. So we also provide...

MASt-Manager™

MASt-Manager™ software allows computer control of our MASt-Series of devices. Each device uses a specific piece of Windows™ based software designed to allow for remote control and status monitoring.

SPK - 300-AS Dual-Listen Speaker Station Modification



SPK-300 / AS This is a modification to the Telex (RTS) SPK-300 TV Intercom User Station that provides dual channel listening with separate CH-1 and CH-2 volume controls and easy access to the Null adjustments. An optional rear-panel remote connection provides speaker-mute, channel Select and microphone On/Off tally and control. The remote control capability allows the unit to integrate easily into digital matrix systems.

MAS-116 Dual 1x16 Passive Splitter



MAS-116 Passive Multi-Coupler and MAS-100 High Gain Receiver Pre-Amplifier As a system, the MAS-116 and MAS-100 provide the optimum RF configuration for applications using up to sixteen diversity wireless microphone receivers. The MAS-116 is a passive, dual 1x16 splitter that is feed by the amplified output of the MAS-100 preamplifier. By placing all the active gain stages as close to the receive antenna as possible, the system's RF noise figures are optimized. The MAS-100 amplifiers are powered by Bias-Tee inserters in the MAS-116 and have a four-position gain switch for accommodating a wide variety RF environments.

MAS-101



MAS-101 Multiple Antenna Management System - Provides a compact and reliable method of combining, filtering, amplifying and distributing multiple antenna inputs and receivers. A two-RU AC powered device that is intended to assist in the management of large fixed installations which require multiple zone receive antennas as well as the need to distribute to multiple receivers. All connections are made with BNC connectors.

Strobe Light Call Indicator



The SL-10 Visual Call Indicator is compatible with Clear-Com and RTS Party-line intercom systems. 120V AC powering allows it to work with non-powered intercom channels or two units can function as a stand alone system which makes it ideal for situations that are not intercom based such as back stage talent cueing or industrial control applications.

EM-16 Voice Signaling Interface



EM-16 Signaling Interface Providing logic outputs derived from an audio event. Sixteen channels are contained in a 19" 1-RU chassis. Several logic output configurations are available including opto-coupler and several types of voltage sources. User adjustments allow for a wide range of input levels and two separate delay settings. It is ideal for adding VOX logic control to matrix intercom systems which lack that capability.

MAS-201 Transmission Line Loss Compensator



MAS-201 Transmission Line Loss Compensator Using DC bias voltage inserted at the transmitter end, the MAS-201 provides up to 7dBm of gain at the transmit antenna. This gain can be safely utilized without fear of exceeding the legal power limit with any transmission line length up to 100' or a loss of 6.5dBm at 700MHz. Auto-Power Match, a proprietary circuit developed by Bexel ASG products limits the power output while ensuring the maximum power level allowable. Since the gain is set automatically, no field measurements are required and the user is assured of compliance while extracting the most performance from the transmitter. For applications requiring multiple transmit antenna locations, such as on-stage and outside coverage, a passive splitter can drive two MAS-201 units with full power delivered to both antennas.

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