




[www.avlelec.com](http://www.avlelec.com), inc. \* 8641 south warhawk road \* conifer, colorado 80433  
 tel: 303 670 1099 ext 11 \* fax: 303 679 8949 \* email: patrick@avlelec.com

**PURCHASE [www.AVLELEC.COM](http://www.AVLELEC.COM) HEAD-END MASKING SYSTEM (HE-1) ON-LINE  
 \$2,962.00**

The Head-End System contains the Main Soundmasking Amplification equipment only  
 (add speakers below)


**HE-1 (Head-End-1) Includes:**  
 EXPANDABLE BUILDING SOUNDMASKING SYSTEM

<u>Qty</u>	<u>Model Number</u>	<u>Description</u>	
1	<u>RACK HE1-12</u>	Equipment Rack may be wall or shelf mounted comes pre-wired with equipment installed including Electrical & Vent Panels, Operation Manual with AutoCAD Schematic.	
1	<u>WHITE/PINK NOISE SOUNDMASKING GENERATOR</u>	Engineered Soundmasking Computerized Programmable Soundmasking Generator (White & Pink Noise)	
1	BSPK1000	1000ft of Belden Speaker Cable (Plenum Rated)	
1	<u>SOUNDMASKING MIXER / AMPLIFIER</u>	120 watt Soundmasking 6-Channel Mixer/Amplifier 5 Year Equipment Warranty	
Quantity of HE-1: <input type="checkbox"/> <input type="button" value="Purchase"/> \$2,962.00 each			

Bottom of Form

**ADD MASKING SPEAKERS W/ MOUNTING HARDWARE**

Soundmasking Speaker Quantity:   \$ 58.10 each

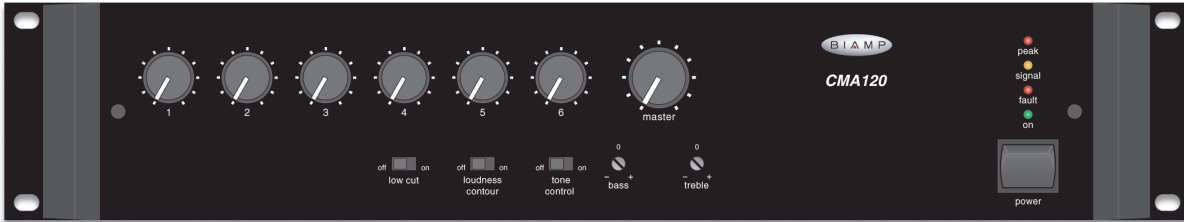


Each Speaker Covers 144 sq ft  
 8" Masking Speaker  
 70V Transformer, Mounting Hardware  
 20ft Plenum Speaker Cable with 18AWG Wire Nuts

Up-To 120 Speakers on the HE-1  
 Expandable with additional amplification

**Our Quick Cost Calculator will determine the quantity of speakers required for your area.**  
[Quick Cost Calculator](http://www.avlelec.com/avl_calc.htm) located at [www.avlelec.com/avl\\_calc.htm](http://www.avlelec.com/avl_calc.htm)

## Commercial Mixer/Amplifiers

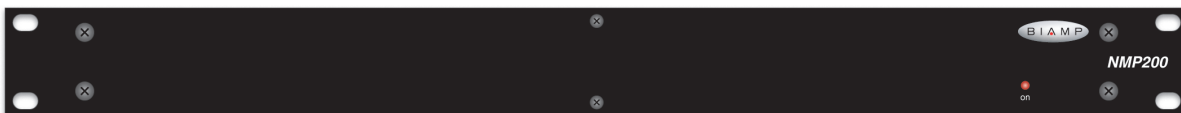


The CMA Series of commercial mixer/amplifiers combines a versatile 6-input mic/line mixer with either 30 Watt, 60 Watt, or 120 Watt amplification. Mixing functions include mic/line/telephone inputs, selectable automatic & manual channel muting, channel priority assignment, remote level control, tone control, a built-in compressor, an internal chime, phantom power, and extensive output patching. The amplifier includes an output transformer, and provides rated power into direct or distributed speaker systems. The CMA Series carries a five-year warranty.

### FEATURES

- integrated mixer, power amplifier, and output transformer
- five electronically balanced microphone/line input channels
- one transformer balanced microphone/line/tel input channel
- rear panel trim control & pad switch on each input channel
- +24 Volt phantom power selectable on each input channel
- input isolation transformer option on mic/line input channels
- automatic muting of selected channels (-10, -20, or -40dB)
- automatic muting triggered by selected "priority" channels
- manual muting of selected channels (-10, -20, or -40dB)
- manual muting triggered from remote contact closures
- remote control of master level via rear panel terminals
- integral output compressor with rear panel threshold control
- recessed treble & bass controls plus "loudness" & "low-cut"
- two insert points for signal processing and remote control
- two line-outs and one stack-in for system interconnections
- 30W, 60W, or 120W power into direct or distributed systems
- front panel indicators for power, fault, signal, and peak
- internal 'pre-announcement' chime tone with level control
- input/output connections provided on barrier strip terminals
- integral security cover and removable rack-wing/handles
- CE marked and UL / C-UL listed
- covered by www.avlelec.com's five-year warranty

## Noise Masking Processor



The NMP200 Noise Masking Processor provides a digital pink-noise generator, a balanced line-level audio input, and a 2-channel DSP processor, all in a single rack-space unit. Noise & audio levels, plus two channels of EQ, gain management, & delay, are adjusted via computer software. Sixteen presets can be recalled via contact-closures, RS-232, or other remote control options. The NMP200 is covered by a five-year warranty.

### FEATURES

- pink-noise & audio input with 2-channel DSP processor
- noise generator spectral purity ( $\pm 0.1\text{dB}$  @ 0Hz~20kHz)
- precision pink-noise filtering (-3dB per octave low-pass)
- extended 'non-apparent' repeat time of noise (200 minutes)
- combined 1/3-octave & parametric equalization per channel
- selectable high & low frequency shelving filters per channel
- HPF & LPF with variable frequency & slope per channel
- leveling, compression, limiting, & soft-gating per channel
- output delay, with distance/delay calculation, per channel
- two independent matrixes for channel-to-channel mixing
- variable noise, input, & output levels with software metering
- sixteen non-volatile memory presets store/recall settings
- balanced input & outputs on plug-in barrier strip connectors
- BiampWin programming software & serial cable included
- no manual controls on front panel, to prevent tampering
- remote control via RS-232 & programmable logic inputs
- accessory units allow control via pots (RCU) or buttons (RT)
- incorporates AES recommended grounding practices
- CE marked and UL / C-UL listed power source
- covered by www.avlelec.com's five-year warranty