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PRODUCT	PRODUCT REF	DESCRIPTION
CLEVER ACOUSTICS AMPLIFIERS		
	CRAM01	<p>CPA 40 2x 20W Compact Amplifier</p> <p>Ultra compact Class D amplifier Stereo 2 x 20W 4 ohms</p> <p>Rugged steel chassis with wall/panel mount ears High efficiency design reduces heat generation and reduces power consumption</p> <p>Stereo RCA unbalanced line level inputs with gain control</p> <p>Independent L/R volume controls</p> <p>Independent bass and treble controls</p> <p>Stereo left and right channel outputs</p> <p>Built-in intelligent limiter to eliminate the earth line noise when connected with laptop or MP3</p> <p>Automatic standby when no input signal is detected for 5 minutes</p> <p>Automatic power on when input signal is detected</p> <p>Switch on delay for added speaker protection</p> <p>Convenient push terminal speaker outputs</p> <p>Overload, high temp and short-circuit protection</p> <p>Supplied with DC 24V power adapter</p>
	CRAM02	<p>MA 130 100V 30W Mixer Amplifier</p> <p>Mixer amplifier for paging and background music systems</p> <p>Rated power from 30W to 60W 19" rack mountable chassis</p> <p>70V, 100V and low impedance 4-16 ohms speaker output</p> <p>Two Mic and two aux inputs</p> <p>Mic 1 with VOX priority and VOX level on front panel Mic 1-2, Aux 1-2 and master volume controls Bass/treble tone control</p> <p>Short circuit, overload and high temp protection</p> <p>Extensive protection with indicator from short-circuit, overload and high temp.</p> <p>LED VU meter with Peak and Protect indication</p>
	CRAM03	<p>MA 160 100V 60W Mixer Amplifier</p> <p>Mixer amplifier for paging and background music systems</p> <p>Rated power from 30W to 60W 19" rack mountable chassis</p> <p>70V, 100V and low impedance 4-16 ohms speaker output</p> <p>Two Mic and two aux inputs</p> <p>Mic 1 with VOX priority and VOX level on front panel Mic 1-2, Aux 1-2 and master volume controls Bass/treble tone control</p> <p>Short circuit, overload and high temp protection</p> <p>Extensive protection with indicator from short-circuit, overload and high temp.</p> <p>LED VU meter with Peak and Protect indication</p>

PRODUCT	PRODUCT REF	DESCRIPTION
CLEVER ACOUSTICS AMPLIFIERS		
	CRAM04	<p>MA 240 100V 40W Mixer Amplifier</p> <p>Mixer amplifier for paging and background music systems</p> <p>40W_{rms} rated power output.</p> <p>70V, 100V and low impedance 4-16 ohms speaker output</p> <p>Two microphone, one AUX and one TEL input</p> <p>Mic 1 via XLR input with +48V phantom power, VOX priority and VOX level control</p> <p>Mic 2 via 6.35 mm jack</p> <p>Mic 1-2, Aux 1-2 and master volume controls and bass/treble tone control</p> <p>Telephone input with automatic priority function over all inputs</p> <p>Short circuit, overload and high temp protection</p> <p>Extensive protection with indicator from short-circuit, overload and high temp.</p> <p>LED VU meter with Protect indication</p> <p>24V DC power power input</p>
	CRAM05	<p>MA 260 100V 60W Mixer Amplifier</p> <p>Mixer amplifier for paging and background music systems</p> <p>Rated power from 60 to 120W</p> <p>19" rack mountable chassis (removable rack ears)</p> <p>70V, 100V and low impedance 4-16 ohms speaker outputs</p> <p>Three Mic inputs and two AUX inputs</p> <p>Mic 1 features VOX priority and VOX level on front panel</p> <p>Mic 1-2-3, Aux 1-2 and master volume controls and bass/treble tone control</p> <p>Switchable +48V phantom power on Mic 1</p> <p>Telephone input</p> <p>Line output via L/R phono sockets</p> <p>Short circuit, overload and high temp protection</p> <p>Built-in priority functions for telephone override for Aux and MIC1, 2 and 3</p> <p>Optional DC input for use with battery backup power sources or for operation using high capacity batteries</p>
	CRAM07	<p>MA 360 100V 60W Mixer Amplifier</p> <p>Mixer amplifier for paging and background music systems</p> <p>Rated power from 60 to 240W</p> <p>19" rack mountable chassis</p> <p>50V, 70V, 100V and low impedance 4-16 ohms speaker output</p> <p>Four balanced XLR microphone inputs with phantom power, selectable priority, gain and volume control</p> <p>4 stereo RCA line inputs with front panel selector switch</p> <p>Builtin chime function with 2/4 tone selector and external trigger contact</p> <p>Balanced XLR line output suitable for us with external power amplifiers</p> <p>REC output for tape recorder</p> <p>PRE-AMP output and PRE-AMP input for extra signal processor</p> <p>Master, MIC 1-4, AUX volume, Bass and treble controls</p> <p>Optional DC input for use with battery backup power sources or for operation using high capacity batteries</p>

PRODUCT	PRODUCT REF	DESCRIPTION
CLEVER ACOUSTICS AMPLIFIERS		
	CRAM06	<p>MA 2120 100V 120W Mixer Amplifier</p> <p>Mixer amplifier for paging and background music systems</p> <p>Rated power from 60 to 120W</p> <p>19" rack mountable chassis (removable rack ears)</p> <p>70V, 100V and low impedance 4-16 ohms speaker outputs</p> <p>Three Mic inputs and two AUX inputs</p> <p>Mic 1 features VOX priority and VOX level on front panel</p> <p>Mic 1-2-3, Aux 1-2 and master volume controls and bass/treble tone control</p> <p>Switchable +48V phantom power on Mic 1</p> <p>Telephone input</p> <p>Line output via L/R phono sockets</p> <p>Short circuit, overload and high temp protection</p> <p>Builtin priority functions for telephone override for Aux and MIC1, 2 and 3</p> <p>Optional DC input for use with battery backup power sources or for operation using high capacity batteries</p>
	CRAM08	<p>MA 3120 100V 120W Mixer Amplifier</p> <p>Mixer amplifier for paging and background music systems</p> <p>Rated power from 60 to 240W</p> <p>19" rack mountable chassis</p> <p>50V, 70V, 100V and low impedance 4-16 ohms speaker output</p> <p>Four balanced XLR microphone inputs with phantom power, selectable priority, gain and volume control</p> <p>4 stereo RCA line inputs with front panel selector switch</p> <p>Builtin chime function with 2/4 tone selector and external trigger contact</p> <p>Balanced XLR line output suitable for use with external power amplifiers</p> <p>REC output for tape recorder</p> <p>PRE-AMP output and PRE-AMP input for extra signal processor</p> <p>Master, MIC 1-4, AUX volume, bass and treble controls</p> <p>Optional DC input for use with battery backup power sources or for operation using high capacity batteries</p>
	CRAM09	<p>MA 3240 100V 240W Mixer Amplifier</p> <p>Mixer amplifier for paging and background music systems</p> <p>Rated power from 60 to 240W</p> <p>19" rack mountable chassis</p> <p>50V, 70V, 100V and low impedance 4-16 ohms speaker output</p> <p>Four balanced XLR microphone inputs with phantom power, selectable priority, gain and volume control</p> <p>4 stereo RCA line inputs with front panel selector switch</p> <p>Builtin chime function with 2/4 tone selector and external trigger contact</p> <p>Balanced XLR line output suitable for use with external power amplifiers</p> <p>REC output for tape recorder</p> <p>PRE-AMP output and PRE-AMP input for extra signal processor</p> <p>Master, MIC 1-4, AUX volume, bass and treble controls</p> <p>Optional DC input for use with battery backup power sources or for operation using high capacity batteries</p>

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CLEVER ACOUSTICS AMPLIFIERS		
	CRAM10	<p>MA 240Z5 100V 240W 5 Zone Mixer Amplifier</p> <p>5 Zone Mixer amplifier for paging and background music system</p> <p>5 x 50W outputs each with separate volume controls (total 240W)</p> <p>Rated power: 240W</p> <p>Rack mountable chassis</p> <p>70V, 100V and low impedance 4-8 ohms speaker output</p> <p>Four XLR microphone inputs with phantom power and gain control</p> <p>2 Dual RCA line inputs</p> <p>Mic 1-4 with selectable priority over other inputs</p> <p>Builtin chime, 2/4 tone selector</p> <p>XLR line output for extra power amplifier</p> <p>EMC output for emergency alarm</p> <p>Telephone input with separate volume control</p> <p>Master, MIC 1-4, line level volume, bass and treble control</p> <p>Optional DC input for use with battery backup power sources or for operation using high capacity batteries</p> <p>Suitable for use with PM100 5 zone paging microphone</p>
	CRAM11	<p>SL 120 100V 120W Slave Amplifier</p> <p>19" rack mount amplifier in 2U/3U chassis</p> <p>Rated power options from 120W to 350W</p> <p>70V, 100V and 4-16 ohms speaker outputs</p> <p>Balanced XLR line input</p> <p>Unbalanced 6.35mm jack line input</p> <p>Balanced XLR line output</p> <p>Unbalanced 6.35mm jack line output</p> <p>Temperature, clip & short circuit protection</p> <p>Power, signal, clip, protection and temp LEDs</p> <p>GND/lift switch to prevent ground loop hum</p> <p>24V DC & 240V AC inputs for maximum flexibility</p> <p>Fan cooled</p>
	CRAM12	<p>SL 240 100V 240W Slave Amplifier</p> <p>19" rack mount amplifier in 2U/3U chassis</p> <p>Rated power options from 120W to 350W</p> <p>70V, 100V and 4-16 ohms speaker outputs</p> <p>Balanced XLR line input</p> <p>Unbalanced 6.35mm jack line input</p> <p>Balanced XLR line output</p> <p>Unbalanced 6.35mm jack line output</p> <p>Temperature, clip and short circuit protection</p> <p>Power, signal, clip, protection and temp LEDs</p> <p>GND/lift switch to prevent ground loop hum</p> <p>24V DC & 240V AC inputs for maximum flexibility</p> <p>Fan cooled</p>

PRODUCT	PRODUCT REF	DESCRIPTION
CLEVER ACOUSTICS AMPLIFIERS		
	CRAM13	<p>SL 350 100V 350W Slave Amplifier</p> <p>19" rack mount amplifier in 2U/3U chassis</p> <p>Rated power options from 120W to 350W</p> <p>70V, 100V and 4-16 ohms speaker outputs</p> <p>Balanced XLR line input</p> <p>Unbalanced 6.35mm jack line input</p> <p>Balanced XLR line output</p> <p>Unbalanced 6.35mm jack line output</p> <p>Temperature, clip and short circuit protection</p> <p>Power, signal, clip, protection and temp LEDs</p> <p>GND/lift switch to prevent ground loop hum</p> <p>24V DC & 240V AC inputs for maximum flexibility</p> <p>Fan cooled</p>
	CRAM14	<p>MA 260MP 60W Mixer Amplifier With MP3/FM</p> <p>19" rack mountable chassis (removable rack ears)</p> <p>70V, 100V and low impedance 4-16Ω loudspeaker outputs</p> <p>Integral MP3 (USB/SD) player with FM radio tuner</p> <p>Three microphone inputs and two AUX inputs (MIC 3 switchable MIC/LINE)</p> <p>MIC 1 features VOX priority and VOX level</p> <p>MIC 1-2-3, AUX 1-2 and master volume controls and bass/treble tone control</p> <p>Switchable +48V phantom power on MIC 1</p> <p>Line output via phono sockets</p> <p>LED VU meter and over temperature indication</p> <p>Short circuit, overload and high temperature protection</p> <p>Optional DC input for use with battery backup power sources or for operation using high capacity batteries</p>
	CRAM15	<p>MA 2120MP 120W Mixer Amplifier With MP3 / FM</p> <p>19" rack mountable chassis (removable rack ears)</p> <p>70V, 100V and low impedance 4-16Ω loudspeaker outputs</p> <p>Integral MP3 (USB/SD) player with FM radio tuner</p> <p>Three microphone inputs and two AUX inputs (MIC 3 switchable MIC/LINE)</p> <p>MIC 1 features VOX priority and VOX level</p> <p>MIC 1-2-3, AUX 1-2 and master volume controls and bass/treble tone control</p> <p>Switchable +48V phantom power on MIC 1</p> <p>Line output via phono sockets</p> <p>LED VU meter and over temperature indication</p> <p>Short circuit, overload and high temperature protection</p> <p>Optional DC input for use with battery backup power sources or for operation using high capacity batteries</p>

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CLEVER ACOUSTICS AMPLIFIERS		
	CRAM16	<p>MA 2240MP 240W Mixer Amplifier With MP3 / FM</p> <p>19" rack mountable chassis (removable rack ears) 70V, 100V and low impedance 4-16Ω loudspeaker outputs Integral MP3 (USB/SD) player with FM radio tuner Three microphone inputs and two AUX inputs (MIC 3 switchable MIC/LINE) MIC 1 features VOX priority and VOX level MIC 1-2-3, AUX 1-2 and master volume controls and bass/treble tone control Switchable +48V phantom power on MIC 1 Line output via phono sockets LED VU meter and over temperature indication Short circuit, overload and high temperature protection Optional DC input for use with battery backup power sources or for operation using high capacity batteries</p>
	CRAM17	<p>MA 4060MP 4 Zone Mixer Amplifier With MP3 / FM Tuner</p> <p>All source inputs can be matrix assigned to the 4 zone outputs simultaneously The 5 inputs channels plus onboard MP3 player and FM tuner Three microphone/line inputs with bass, treble, volume and gain control Two AUX phono inputs with bass, treble, volume and gain control MP3 player with SD and USB inputs 4 zone remote paging microphone input via RJ45 (requires CRMIC06 paging microphone) Versatile loudspeaker outputs for each four channels: 70V, 100V and 4-16Ω Line level, balanced outputs for each zone output RS232 serial control port for third party system communication Priority input to override other inputs Input priority level from high to low: remote mic, priority input and telephone input and MIC 1 Output for monitor loudspeaker, 1W, 8Ω Extensive protection including thermal, short-circuit, clip and overload with indicators Ground lift switch Fan cooled</p>

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CLEVER ACOUSTICS AMPLIFIERS		
	CRAM18	<p>MA 4120MP 4 Zone Mixer Amplifier With MP3 / FM Tuner</p> <p>All source inputs can be matrix assigned to the 4 zone outputs simultaneously</p> <p>The 5 inputs channels plus onboard MP3 player and FM tuner</p> <p>Three microphone/line inputs with bass, treble, volume and gain control</p> <p>Two AUX phono inputs with bass, treble, volume and gain control</p> <p>MP3 player with SD and USB inputs</p> <p>4 zone remote paging microphone input via RJ45 (requires CRMIC06 paging microphone)</p> <p>Versatile loudspeaker outputs for each four channels: 70V, 100V and 4-16Ω</p> <p>Line level, balanced outputs for each zone output</p> <p>RS232 serial control port for third party system communication</p> <p>Priority input to override other inputs</p> <p>Input priority level from high to low: remote mic, priority input and telephone input and MIC 1</p> <p>Output for monitor loudspeaker, 1W, 8Ω</p> <p>Extensive protection including thermal, short-circuit, clip and overload with indicators</p> <p>Ground lift switch</p> <p>Fan cooled</p>
CLEVER ACOUSTICS MIXERS		
	CRAM19	<p>ZM8 Matrix Zone System</p> <p>Each channel input is provided with individual microphone, music, master volume control, each line and paging console input with gain control, microphone input with gain, bass and treble tone control</p> <p>Each channel output is provided with individual gain, bass and treble tone control, a gain control is also provided for each channel's remote wall control</p> <p>8 zone voice alarm contact closure to activate built-in tone voice alarm</p> <p>Alert, evacuation and alarm; three styles of pre-recorded chimes are provided with tone control</p> <p>EMC and ground for external voice alarm generator input Connected via standard RJ45 terminated CAT 5 cable</p> <p>4 swift keys for direct all channel BGM and paging access</p> <p>5 levels of priority from highest to lowest are: MIC 1, fire alarm, remote paging console, remote control panel and background music</p> <p>AC 110V or 240V input with voltage switch and DC 24V operation</p> <p>Monitor output with independent volume control</p>

PRODUCT	PRODUCT REF	DESCRIPTION
CLEVER ACOUSTICS AMPLIFIERS		
	CRAM19A	<p>ZM8 Wall Plate - Audio Input + Source Select</p> <p>Remote line and microphone via XLR inputs with gain controls</p> <p>Source selection and volume control</p> <p>Zone LED indicator with up/down buttons</p> <p>DC 24V power supply from controller</p> <p>Metal back box supplied</p> <p>Only for use with the ZM8 Zone Mixer (CRAM19)</p>
	CRAM19B	<p>ZM8 Wall Plate - Source Select</p> <p>Music source selection and volume control</p> <p>Zone LED indicator with up/down buttons</p> <p>DC 24V power supply from controller</p> <p>Metal back box supplied</p> <p>Only for use with the ZM8 Zone Mixer (CRAM19)</p>
	CRAM19C	<p>ZM8 Wall Plate - Two Remote Mic Inputs</p> <p>Two remote microphone inputs with volume, bass, and treble controls</p> <p>Zone LED indicator with up/down buttons</p> <p>DC 24V power supply from controller</p> <p>Metal back box supplied</p> <p>Only for use with the ZM8 Zone Mixer (CRAM19)</p>
	CRAM20	<p>CDMP 50 1U CD/MP3 Player</p> <p>CD, SD/MMC card and USB 2.0 media player</p> <p>Mechanical anti-shock and 40 second ESP (Electronic Skip Protection)</p> <p>LCD display</p> <p>Plays MP3 and WMA audio files</p> <p>ID3 tags displayed (scrolling)</p> <p>Playback: Continuous, Random Play and User Programmed</p> <p>Repeat functions: Track, Folder or All</p> <p>Stereo outputs via balanced XLR or unbalanced RCA</p> <p>IR remote control (batteries not included)</p> <p>1U 19" rack mountable with removable rack ears</p>
	CRAM21	<p>DAB 50 1U DAB / FM Radio Tuner</p> <p>DAB and FM radio tuner</p> <p>Auto/manual tuning</p> <p>20 preset memory (10 DAB, 10 FM)</p> <p>LCD screen</p> <p>Radio station display</p> <p>Radio text (scrolling)</p> <p>Automatic radio controlled time and date</p> <p>Stereo outputs via balanced XLR or unbalanced RCA</p> <p>IR remote control (batteries not included)</p> <p>1U 19" rack mountable with removable rack ears</p>

PRODUCT	PRODUCT REF	DESCRIPTION
CLEVER ACOUSTICS AMPLIFIERS		
	CRAM22	<p>SL 4120 100V 4 X 120W Slave Amplifier</p> <p>Four separate amplifiers in a single 19" rack mount chassis 70V, 100V and 4-16Ω loudspeaker outputs Balanced XLR line input for each channel Convenient phoenix type terminal block output connectors Temperature, overload, clip and short circuit protection Power, signal, clip, protection and temperature LEDs Fan cooled</p>
	CRAM23	<p>SL 4240 100V 4 X 240W Slave Amplifier</p> <p>Four separate amplifiers in a single 19" rack mount chassis 70V, 100V and 4-16Ω loudspeaker outputs Balanced XLR line input for each channel Convenient phoenix type terminal block output connectors Temperature, overload, clip and short circuit protection Power, signal, clip, protection and temperature LEDs Fan cooled</p>
CLEVER ACOUSTICS SPEAKERS		
	CRSP01	<p>MH 50 100V 50W Music Horn Speaker</p> <p>Waterproof horn speaker for outdoor applications Extreme sound dispersion angle Ideal for voice announcement and background music IP rating: IP66 Wide frequency response from 90Hz to 20kHz Built-in 100V/70V transformer 3.5, 4.5, 9, 12.5, 25, 50W power taps at 100V line ABS enclosure Supplied with adjustable mounting bracket</p>
	CRSP02	<p>SP 30 100V 30W Music Horn Speaker</p> <p>Waterproof horn speaker for outdoor applications Extreme sound dispersion angle Ideal for voice announcement and background music IP rating: IP66 Wide frequency response from 300Hz to 18kHz Built-in 100V/70V transformer 15W & 30W power taps at 100V line ABS enclosure Supplied with adjustable mounting bracket</p>
	CRSP03	<p>CLM 420 100V 20W Column Speaker (Shipped in 2's)</p> <p>Built-in 100V/70V transformer 4 x 2.5"/8 x 2.5" full range driver 4 x power taps with rotary selector Aluminium enclosure and grille in white Supplied with a pair of adjustable steel mounting brackets</p>

PRODUCT	PRODUCT REF	DESCRIPTION
CLEVER ACOUSTICS SPEAKERS		
	CRSP04	<p>CLM 840 100V 40W Column Speaker (Shipped in 2's) Built-in 100V/70V transformer 4 x 2.5"/8 x 2.5" full range driver 4 x power taps with rotary selector Aluminium enclosure and grille in white</p> <p>Supplied with a pair of adjustable steel mounting brackets</p>
	CRSP06	<p>CS 46WP 100V 4" 6W Ceiling Speaker 4" full range driver Built-in 100V/70V transformer 3W and 6W power taps at 100V line Metal grille with ABS baffle and back can RAL9016 White Fitted with trailing cable Spring clip mounting for easy installation Supplied with template to aid installation</p>
	CRSP09	<p>CS 56LC 100V 5" 6W Ceiling Speaker 5" ceiling speaker Dual cone woofer for extended upper frequency response Low profile design blends into environments 3 power taps @ 100V: 1.5W, 3W and 6W ABS baffle with metal grille Spring clip mounting for fast installation Supplied with template to aid installation</p>
	CRSP10	<p>CS 69LC 100V 6" 9W Ceiling Speaker 6" ceiling speaker Dual cone woofer for extended upper frequency response Low profile design blends into environments 3 power taps @ 100V: 3W, 6W and 9W ABS baffle with metal grille Spring clip mounting for fast installation Supplied with template to aid installation</p>
	CRSP11	<p>CS 520HP 100V 5" 20W Ceiling Speaker Coaxial, 2-way design delivers wide frequency response Five power taps (100V) plus 8 ohms low impedance input Metal grille, ABS baffle and metal back can Flush mount dog-ear mounting for fast installation Rotary wattage tap Spring clip connection Supplied with template to aid installation</p>
	CRSP12	<p>CS 630HP 100V 6" 30W Ceiling Speaker Coaxial, 2-way design delivers wide frequency response Five power taps (100V) plus 8 ohms low impedance input Metal grille, ABS baffle and metal back can Flush mount dog-ear mounting for fast installation Rotary wattage tap Spring clip connection Supplied with template to aid installation</p>

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CLEVER ACOUSTICS SPEAKERS		
	CRSP13	<p>CS 840HP 100V 8" 40W Ceiling Speaker</p> <p>Coaxial, 2-way design delivers wide frequency response</p> <p>Five power taps (100V) plus 8 ohms low impedance input</p> <p>Metal grille, ABS baffle and metal back can</p> <p>Flush mount dogear mounting for fast installation</p> <p>Rotary wattage tap</p> <p>Spring clip connection</p> <p>Supplied with template to aid installation</p>
	CRSP14	<p>CS 56F 100V 5" 6W Ceiling Speaker +FD</p> <p>Built-in 100V/70V transformer</p> <p>Coaxial, 2-way design delivers wide frequency response</p> <p>Five power taps (70V/100V)</p> <p>Metal grille, baffle and back can</p> <p>Spring clip mounting with "dome first" fast installation</p> <p>system</p> <p>Ceramic connector block connection</p> <p>Supplied with template to aid installation</p>
	CRSP15	<p>CS 66F 100V 6" 6W Ceiling Speaker +FD</p> <p>Built-in 100V/70V transformer</p> <p>Coaxial, 2-way design delivers wide frequency response</p> <p>Five power taps (70V/100V)</p> <p>Metal grille, baffle and back can</p> <p>Spring clip mounting with "dome first" fast installation</p> <p>system</p> <p>Ceramic connector block connection</p> <p>Supplied with template to aid installation</p>
	CRSP16	<p>CSW 56 100V 5" 6W Wall Mount Speaker</p> <p>Built-in 100V/70V transformer</p> <p>2-way design delivers wide frequency response</p> <p>Three power taps (70V/100V)</p> <p>Metal grille and ABS enclosure</p> <p>Fast, easy wall mount installation</p> <p>Spring clip mounting for fast installation</p>
	CRSP17	<p>PS 620 100V 6" 15W Projector Speaker</p> <p>Built-in 100V/70V transformer</p> <p>Metal grille and ABS enclosure</p> <p>Adjustable wall bracket</p> <p>Weatherproof construction suitable for outdoors</p> <p>6" full range loudspeaker</p> <p>Two power taps (70V/100V)</p> <p>Unidirectional dispersion</p>
	CRSP18	<p>PS 620T 100V 6" 20W Projector Speaker</p> <p>Built-in 100V/70V transformer</p> <p>Metal grille and ABS enclosure</p> <p>Adjustable wall bracket</p> <p>Weatherproof construction suitable for outdoors</p> <p>2 x 6" full range loudspeaker</p> <p>Three power taps (70V/100V)</p> <p>Bi-directional dispersion, suitable for use in corridors</p>

PRODUCT	PRODUCT REF	DESCRIPTION
CLEVER ACOUSTICS SPEAKERS		
	CRSP19	<p>HS 730 100V 30W ABS Horn Speaker</p> <p>Built-in 100V/70V transformer High intelligibility speech reproduction Rugged ABS enclosure Adjustable wall bracket Weatherproof construction suitable for outdoors Two power taps (70V/100V)</p>
	CRSP20	<p>HS 715 100V 15W ABS Horn Speaker</p> <p>Built-in 100V/70V transformer High intelligibility speech reproduction Rugged ABS enclosure Adjustable wall bracket Weatherproof construction suitable for outdoors Two power taps (70V/100V)</p>
	CRSP21	<p>HS 158R 80mm 15W ABS Horn Speaker</p> <p>Low impedance 8 ohms input High intelligibility speech reproduction Rugged ABS enclosure Adjustable wall bracket Weatherproof construction suitable for outdoors</p>
	CRSP22	<p>PDS 615 100V 15W Pendant Speaker</p> <p>Built-in 100V/70V transformer Dual cone woofer design delivers wide frequency response Three power taps (70V/100V) Metal grille and ABS enclosure 5m suspension cable complete with internal steel safety core Supplied with ceiling plate</p>
	CRSP23	<p>BGS 25 White 8 Ohm Speakers (Pair)</p> <p>2-way speakers Complete with mounting brackets Supplied in pairs Available in Black and White Optional mounting by M6 screw sockets Robust housing Freq. Range: 70Hz~18kHz Max Calculated SPL: 88dB Power (RMS): 25W Power (Max): 50W LF Transducer: 4" Polypropylene HF Transducer: 1" Mylar Impedance: 8 Ohms Connections: 2 x Binding terminals</p>
	CRSP24	AS ABOVE BUT IN BLACK

PRODUCT	PRODUCT REF	DESCRIPTION
CLEVER ACOUSTICS SPEAKERS		
 	CRSP25	<p>BGS 35 White 8 Ohm Speakers (Pair)</p> <p>2-way speakers</p> <p>Complete with mounting brackets</p> <p>Supplied in pairs</p> <p>Available in Black and White</p> <p>Optional mounting by M6 screw sockets</p> <p>Robust housing</p> <p>Freq. Range: 60Hz~18kHz</p> <p>Max Calculated SPL: 89dB</p> <p>Power (RMS): 35W</p> <p>Power (Max): 70W</p> <p>LF Transducer: 5" Polypropylene</p> <p>HF Transducer: 1" Mylar</p> <p>Impedance: 8 Ohms</p> <p>Connections: 2 x Binding terminals</p>
	CRSP26	AS ABOVE BUT IN BLACK
 	CRSP27	<p>BGS 50 White 8 Ohm Speakers (Pair)</p> <p>2-way speakers</p> <p>Complete with mounting brackets</p> <p>Supplied in pairs</p> <p>Available in Black and White</p> <p>Optional mounting by M6 screw sockets</p> <p>Robust housing</p> <p>Freq. Range: 55Hz~20kHz</p> <p>Max Calculated SPL: 89dB</p> <p>Power (RMS): 50W</p> <p>Power (Max): 100W</p> <p>LF Transducer: 6.5" Polypropylene</p> <p>HF Transducer: 1" Mylar</p> <p>Impedance: 8 Ohms</p> <p>Connections: 2 x Binding terminals</p>
	CRSP28	AS ABOVE BUT IN BLACK
 	CRSP29	<p>BGS 25T White 100V Speakers (Pair)</p> <p>2-way 100V Line speakers</p> <p>Complete with mounting brackets</p> <p>Supplied in pairs</p> <p>Adjustable wattage selector</p> <p>Available in Black and White</p> <p>Optional mounting by M6 screw sockets</p> <p>Robust housing</p> <p>Freq. Range: 70Hz~18kHz</p> <p>Max Calculated SPL: 88dB</p> <p>Power (RMS): 25W</p> <p>Power (Max): 50W</p> <p>LF Transducer: 4" Polypropylene</p> <p>HF Transducer: 1" Mylar</p> <p>Impedance: 8 Ohms or 2/4/8/16W</p> <p>Connections: 2 x Binding terminals</p>
	CRSP30	AS ABOVE BUT IN BLACK

PRODUCT	PRODUCT REF	DESCRIPTION
CLEVER ACOUSTICS SPEAKERS		
	CRSP31	<p>BGS 35T White 100V Speakers (Pair) 2-way 100V Line speakers Complete with mounting brackets Supplied in pairs Adjustable wattage selector Available in Black and White Optional mounting by M6 screw sockets Robust housing Freq. Range: 60Hz~18kHz Max Calculated SPL: 89dB Power (RMS): 35W Power (Max): 70W LF Transducer: 5" Polypropylene HF Transducer: 1" Mylar Impedance: 8 Ohms or 2/4/8/16W Connections: 2 x Binding terminals</p>
	CRSP32	AS ABOVE BUT IN BLACK
	CRSP33	<p>ACT 35 White Powered Speakers (Pair) 2-way stereo speakers Built-in amplifier Complete with mounting brackets Supplied in pairs Available in Black and White Optional mounting by M6 screw sockets Connecting leads included Robust housing Independent bass and treble controls Signal inputs Master volume control IEC Power in socket Freq. Range: 60Hz~18kHz Sensitivity: 89dB Power output: 25W LF Transducer: 5" Polypropylene HF Transducer: 1" Mylar Connections: 2 x RCA phono input sockets</p> <p>Amplifier Freq. Range: 20Hz~20kHz Equalisation: 2 bands EQ + 10dB Gain: 30dB (max) Power output: 2 x 17.5W RMS</p>
	CRSP34	AS ABOVE BUT IN BLACK

PRODUCT	PRODUCT REF	DESCRIPTION
CLEVER ACOUSTICS SPEAKERS		
	CRSP35	<p>WPS 25 White 8 Ohm Weatherproof Speakers (Pair) 2-way speakers Complete with mounting brackets Supplied in pairs Available in Black and White Optional mounting by M6 screw sockets Robust housing WPS Series suitable for installation outside in sheltered conditions Freq. Range: 70Hz~18kHz Max Calculated SPL: 88dB Power (RMS): 25W Power (Max): 50W LF Transducer: 4" Polypropylene HF Transducer: 1" Mylar Impedance: 8 Ohms Connections: 2 x Binding terminals</p>
	CRSP36	AS ABOVE BUT IN BLACK
	CRSP37	<p>WPS 35 White 8 Ohm Weatherproof Speakers (Pair) 2-way speakers Complete with mounting brackets Supplied in pairs Optional mounting by M6 screw sockets WPS Series suitable for installation outside in sheltered conditions Freq. Range: 60Hz~18kHz Max Calculated SPL: 89dB Power (RMS): 35W Power (Max): 70W LF Transducer: 5" Polypropylene HF Transducer: 1" Mylar Impedance: 8 Ohms Connections: 2 x Binding terminals</p>
	CRSP38	AS ABOVE BUT IN BLACK

PRODUCT	PRODUCT REF	DESCRIPTION
CLEVER ACOUSTICS SPEAKERS		
	CRSP39	<p>WPS 50 White 8 Ohm Weatherproof Speakers (Pair) 2-way speakers Complete with mounting brackets Supplied in pairs Optional mounting by M6 screw sockets WPS Series suitable for installation outside in sheltered conditions</p> <p>Freq. Range: 55Hz-20kHz Max Calculated SPL: 89dB Power (RMS): 50W Power (Max): 100W LF Transducer: 6.5" Polypropylene HF Transducer: 1" Mylar Impedance: 8 Ohms Connections: 2 x Binding terminals.</p>
	CRSP40	AS ABOVE BUT IN BLACK
	CRSP41	<p>WPS 25T White 100V Weatherproof Speakers (Pair) 2-way 100V Line speakers Complete with mounting brackets Supplied in pairs Adjustable wattage selector Optional mounting by M6 screw sockets WPS Series suitable for installation outside in sheltered conditions</p> <p>Freq. Range: 70Hz-18kHz Max Calculated SPL: 88dB Power (RMS): 25W Power (Max): 50W LF Transducer: 4" Polypropylene HF Transducer: 1" Mylar Impedance: 8 Ohms or 2/4/8/16W Connections: 2 x Binding terminals.</p>
	CRSP42	AS ABOVE BUT IN BLACK

PRODUCT	PRODUCT REF	DESCRIPTION
CLEVER ACOUSTICS SPEAKERS		
	CRSP43	<p>WPS 35T White 100V Weatherproof Speakers (Pair) 2-way 100V Line speakers Complete with mounting brackets Supplied in pairs Adjustable wattage selector Available in Black and White Optional mounting by M6 screw sockets Robust housing WPS Series suitable for installation outside in sheltered conditions Freq. Range: 60Hz-18kHz Max Calculated SPL: 89dB Power (RMS): 35W Power (Max): 70W LF Transducer: 5" Polypropylene HF Transducer: 1" Mylar Impedance: 8 Ohms or 2/4/8/16W Connections: 2 x Binding terminals</p>
	CRSP44	AS ABOVE BUT IN BLACK
	CRSP45	<p>BGS 20T White 100V Speakers (Pair) 2-way loudspeakers Complete with Quick-Fixx® mounting brackets Supplied in pairs Adjustable wattage selection Robust white housing Polypropylene LF and Mylar HF</p>
	CRSP46	<p>BGS 20T Black 100V Speakers (Pair) 2-way loudspeakers Complete with Quick-Fixx® mounting brackets Supplied in pairs Adjustable wattage selection Robust black housing Polypropylene LF and Mylar HF</p>
CLEVER ACOUSTICS MICROPHONES		
	CRM IC01	<p>PM 100 Paging Microphone (5 Zone) Remote paging microphone with input priority over MIC 1, siren and chime except for EMC and TEL input Condenser gooseneck microphone 2/4 tone selectable chimes 5 zone, all zone, talk and chime buttons Volume control over chime, mic and master LED amplifier output level meter DC power socket and DC 24V input (external DC power supply is needed when cable distance is more than 50 meters between amplifier and PM-100)</p>

PRODUCT	PRODUCT REF	DESCRIPTION
CLEVER ACOUSTICS MICROPHONES		
	CRM ICO2	<p>PM 200 Dynamic Paging Mic with Chime</p> <p>Remote paging microphone with built-in chime and adjustable volume</p> <p>Dynamic microphone element</p> <p>Talk push button</p> <p>Connection: 3-pin XLR</p> <p>Supplied with 3-pin XLR to 6.35mm mono jack cable</p> <p>Powered either by 9V PP3 battery or optional 9V DC input (PSU not supplied)</p>
	CRM ICO3	<p>PM 300 Condenser Paging Mic</p> <p>Condenser paging microphone</p> <p>Connection: Balanced 3-pin XLR</p> <p>Talk push button</p> <p>Requires +48V phantom power</p>
	CRM ICO4	<p>PM 400 Condenser Paging Mic</p> <p>Condenser paging microphone</p> <p>Connection: Balanced 3-pin XLR</p> <p>Talk push button</p> <p>Battery powered</p>
	CRM ICO5	<p>PM 500 Condenser Paging Mic</p> <p>Powered by phantom power from amplifier</p> <p>Red LED indicator for service</p> <p>Connections: 3-pin XLR</p> <p>High sensitivity flexible fixed gooseneck</p> <p>Unidirectional condenser microphone</p> <p>Built-in low frequency attenuator</p>
	CRM ICO6	<p>PM 600 4 Zone Paging Mic</p> <p>Zone, group zone and all zone paging capacity</p> <p>DC 24V powered by the amplifier at max 1km distance</p> <p>Built-in pre announcement chime with 2 or 4 tone selector</p> <p>Microphone, chime and master volume control</p> <p>10 segment level meter</p>
	CRM ICO7	<p>PM ZM8 8 Zone Paging Mic</p> <p>8 zone selector with state indication</p> <p>Talk and all zone paging swift keys are provided</p> <p>2 or 4 tone chime with selector and off switch</p> <p>Volume controls are provided for chime and microphone</p> <p>Indicators includes individual zone, all zone, busy, paging, power, output level to provide a direct visualisation</p> <p>Only for use with the ZM8 Zone Mixer (CRAM19)</p>

PRODUCT	PRODUCT REF	DESCRIPTION
CLEVER ACOUSTICS CONTROLLERS		
	CRV OL01	<p>VC 20 100V 20W Volume Control 11 volume positions (10 + off) Rugged plastic fascia Wall screws included (2 x M3 screws) Requires back box (not supplied)</p>
	CRV OL02	<p>VC 40 100V 40W Volume Control 11 volume positions (10 + off) Rugged plastic fascia Wall screws included (2 x M3 screws) Requires back box (not supplied)</p>
	CRV OL03	<p>VC 60 100V 60W Volume Control 11 volume positions (10 + off) Rugged plastic fascia Wall screws included (2 x M3 screws) Requires back box (not supplied)</p>
	CRV OL04	<p>VC 20R 100V 20W Volume Control + Relay 11 volume positions (10 + off) Rugged plastic fascia DC 24V relay input for volume restoration Wall screws included (2 x M3 screws) Requires back box (not supplied)</p>
	CRV OL05	<p>VC 40R 100V 40W Volume Control + Relay 11 volume positions (10 + off) Rugged plastic fascia DC 24V relay input for volume restoration Wall screws included (2 x M3 screws) Requires back box (not supplied)</p>
	CRV OL06	<p>VC 60R 100V 60W Volume Control + Relay 11 volume positions (10 + off) Rugged plastic fascia DC 24V relay input for volume restoration Wall screws included (2 x M3 screws) Requires back box (not supplied)</p>

PRODUCT	PRODUCT REF	DESCRIPTION
CLEVER ACOUSTICS CONTROLLERS		
	CRVOL07	<p>VC 1000 100V 1000W 19" Volume Control</p> <p>1U 19" rackmount chassis</p> <p>5 step attenuation</p> <p>5 input channels, 5 output channels</p> <p>Wide frequency response: 100Hz-16KHz</p> <p>Low distortion, low noise components</p> <p>Rubber feet for desktop use</p>
	CRVOL08	<p>VC 1000R 100V 1000W 19" Volume Control +Relay</p> <p>1U 19" rackmount chassis</p> <p>5 step attenuation</p> <p>5 input channels, 5 output channels</p> <p>24V DC input per channel for volume restoration</p> <p>Wide frequency response: 100Hz-18KHz</p> <p>Low distortion, low noise components</p> <p>Rubber feet for desktop use</p>