

Features

- 130W of output Power into 4Ω or 70V /100V Loads
- Four Mixable Inputs: Three Balanced Mics and One Aux, Tuner and CD
- Digital AM/FM Tuner with 30-Station Preset Memory
- Three-Disc Magazine-Type CD Changer with 24 Track Memory
- Voice-Activated Priority Muting via Mic1
- Four-Tone Manual Pre-Page Chime
- Bass and Treble Tone Controls
- Pre-Amp Out (Post-Tone-Controls) for External Signal Processing
- Power Amp Input (Normalized) for Patch of External Signals
- Two-Zone Speaker Selector Buttons

Description

The ACR-5130 are monaural compact disc mixer receivers, with 130W RMS output power, respectively. They offer a three-disc CD changer, a digital AM/FM tuner, one auxiliary input and three balanced Mic. inputs. All sources are mixable, with individual gain controls. The Voice-Activated Priority function on Mic1 input mutes all other channels with an adjustable muting level. Separate bass and treble controls allow $\pm 12\text{dB}$ adjustment and a four-note chime Button provides a pleasant pre-page tone. The CD changer features 24-track memory and a magazine-type mechanism. The AM/FM LCD digital tuner offers manual or station-seek up/down tuning. A direct access 30-station memory offers 18 FM and 12 AM presets. The Amplifier output has auto-resetting thermal protection circuitry and a four-second power-up output delay for speaker protection. Indication of protection circuit activation, seven-step amplifier output levels and AC power is provided by front panel LEDs. Speaker outputs are provided for either low impedance 4Ω loads or switch Selectable 70V/100V high impedance loads. Two front-panel speaker zone switches are supplied for high-impedance loads. The ACR-5130 are 110-240VAC 50/60Hz powered, and come packaged in shelf-mount enclosures.



Technical Specifications

ELECTRICAL		ACR-5130
Rated Output (RMS)		130W
Output Impedance		4Ω, 25V,70V or 100V
Input Sensitivity /Impedance	MIC	3mV / 2.4 kΩ
	AUX 1-2	100mV / 600Ω
	PAGING	310mV / 600Ω
Frequency response(+1/-3dB)		80Hz - 15kHz
THD		1%
Signal-to-Noise Ratio	MIC 1- 3	55dB
	AUX 1 - 2	65dB
	PAGING	65dB
Tone Control	Bass (100Hz)	$\pm 10\text{dB}$
	Treble (10KHz)	$\pm 10\text{dB}$
CD	Type	Magazine-Type 3-CD Changer
	Frequency Range	20Hz ~ 20KHz
Tuner	Tuning Range	FM: 87.5-108MHz, AM: 522-1620kHz
	Usable Sensitivity	FM: $2\mu\text{V}$, AM: $12\mu\text{V}$
Power Source		110-240VAC 50/60Hz
Power Consumption		270W
Dimensions	mm	420 x 132 x 320
	inch	17" x 5" x 13"
Weight (kg/lbs)		14.5 / 31.9

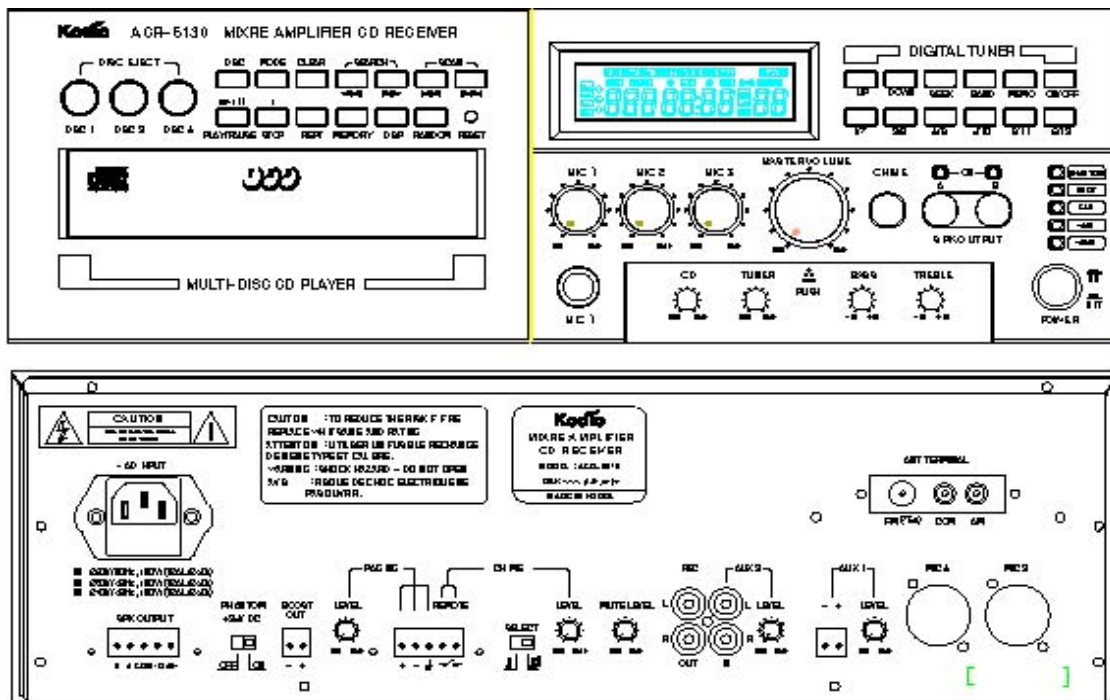
ACR-5130 Architects and Engineers Specifications

The compact disc mixer/receiver shall be a monaural amplifier capable of 130W RMS output. A three-disc CD changer shall provide 24 track memory and a magazine-type mechanism. A digital AM/FM tuner shall offer 18 FM and 12 AM station preset memories and manual or station-seeking up/down tuning. Inputs shall be provided for three microphones and one line level source. Mic1 shall feature automatic voice-activated muting of all other channels. The muting level shall be adjustable. All sources shall be fully mixable, with individual gain controls for each channel. A master volume control shall regulate total amplifier output. Bass and treble controls shall provide 12dB boost or cut at 10Hz and 10kHz. A front-panel chime button shall provide a four-tone signal for preannouncement applications.

The chime shall mute all channels except Mic1. Line level pre-amp output (post-tone controls and pre-master) and power amp input jacks (the latter normalized for a plug to break the internal pre-amp signal input to the amp) shall provide for bridging or connection of external signal processing equipment. Amplifier protection shall be provided to protect against over temperature and over-current conditions. Amplifier output shall be disconnected for four seconds upon power-up for speaker protection. Front panel LEDs shall indicate amplifier output from -24dB to ± 2 dB, as well as protection circuit activation and power on indication. Two outputs for 70V/100V speaker zones shall be provided and selected by front panel switches. The amplifier section shall meet the following performance criteria : power output shall be 130W RMS ; total harmonic distortion shall be less than 1% at rated output at 1kHz ; frequency response shall be 60Hz to 18kHz ; and signal-to-noise ratio shall exceed 75dB.

Input sensitivity and impedance shall be 1mV@10k Ω for Mic 1-3 and 350mV@10k Ω for auxiliary. The compact disc changer shall meet the following performance criteria: frequency response shall be 20Hz to 20kHz and total harmonic distortion shall meet the following performance criteria: sensitivity shall be 2 μ V for FM and 12 μ V for AM; signal-to-noise ratio shall exceed 60dB for FM and 50dB for AM; and total harmonic distortion shall be less than 2% for both FM and AM. The compact disc mixer/receiver shall measure 420mm(16.5") wide x 132mm(5.25") high x 320mm(12.6") deep, and shall be shelf mounting. The power shall be controlled from a front-panel push-on/push-off switch, and indicated with a front-panel LED.

Front and Rear Views



OFFICE : 1F, 318-4, Yatap-dong, Bundang-gu, Seongnam-city, Gyeonggi-do, South Korea.
 TEL: 82-31-704-3050, FAX: 82-31-704-3056, www.kodio.co.kr E-MAIL: joseph@disk.or.kr