

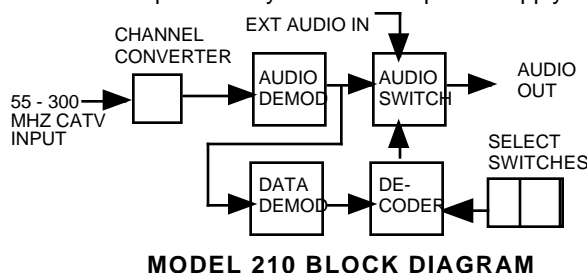
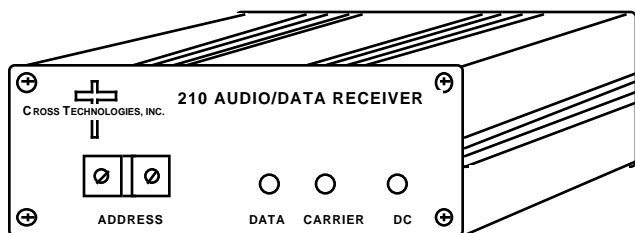
SERIES 210-01 CATV AUDIO/DATA RECEIVER

The Series 210-01 CATV AUDIO/DATA RECEIVER demodulates an analog FM audio signal and AFSK data carrier transmitted over a CATV trunk which can be used for a paging system.

EQUIPMENT FEATURES

- Synthesized frequency operation in the 55 to 200 MHz spectrum(factory set)
- Low level carrier 20 dB below video
- Up to 96 zones can be selected for paging
- Packaged in a desktop extruded aluminum cabinet; Rack mount option available

EQUIPMENT DESCRIPTION - The Series 210-01 receives the paging audio signal and a data control signal which determines if the paging message is intended for its location. The transmitted data determines if the audio is intended for this location as determined by the location code of the two BCD switches on the front panel. When the data matches the location code of this unit, it switches audio from an external audio source to the paging audio. A "Carrier Presence" LED, "Data Activity" LED, and "Power" LED indicates the operating status of the Series 210-01. Connectors are RCA Phono plug for external audio in and switched audio out (unbalanced), F connector for CATV in, and 2.1mm power connector. Power is provided by a wall mount power supply.



EQUIPMENT SPECIFICATIONS*

Input Characteristics

Input Impedance/RL	75 /12 db
Frequency (factory set)	55 to 200 MHz
Input Level	-70 TO -20 dBm

RF Channel Characteristics

Bandwidth	300 kHz total
Spacing, audio, data	1 MHz
Spurious Response	< -86 dBm

Audio Channel Characteristics

Frequency Response	±2 dB, 50 Hz to 12 kHz
Level	+8 dBm PPL (adjustable)
Impedance out	100 ohms, unbalanced
S/N	> 50 dB

Data Channel Characteristics

Type	AFSK
Rate	9.6 kB/s
Rate / BER	>10 ⁻⁶

Controls

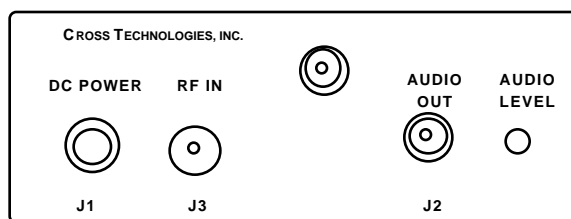
Location Code Switches	BCD
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Indicators

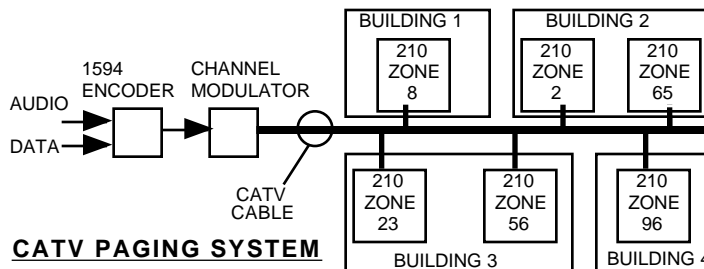
Carrier; Data; DC Power;	Green LEDs
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Other

RF, Audio Connectors	F, female, RCA Phono
Size, Bench Top	4.7" wide X 1.75" high X 8.0" deep
Size, Rack Mount (-R)	19 inch standard chassis 1.75"high X 9.0" deep (Optional)
Power	120 ± 10% VAC, 60 Hz, 10 watts max, wall mt PS



REAR PANEL - MODEL 210 AUDIO / DATA DEMOD



CATV PAGING SYSTEM

*+10 to +40 degrees C; Specifications subject to change without notice

CROSS TECHNOLOGIES, INC.

6170 Shiloh Road
 Alpharetta, Ga. 30005
 770-886-8005, FAX 770-886-7964

Visit our web site at www.crosstechnologies.com