

# CDR1

## CD Player and AM/FM Receiver



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### Description

The Bogen CDR1 CD Player and AM/FM Receiver provides a reliable and economic background music source for a sound system. The CDR1 is a compact, integrated unit that allows users to store up to 30 radio presets (18 FM and 12 AM stations) and to play CD, CD-R, or CD-RW discs, as well as MP3 files.

The CDR1 is an excellent choice for both small and large background music systems. It can stand alone on a shelf or mount easily in a standard equipment rack (2 rack spaces high, with optional rack kit).

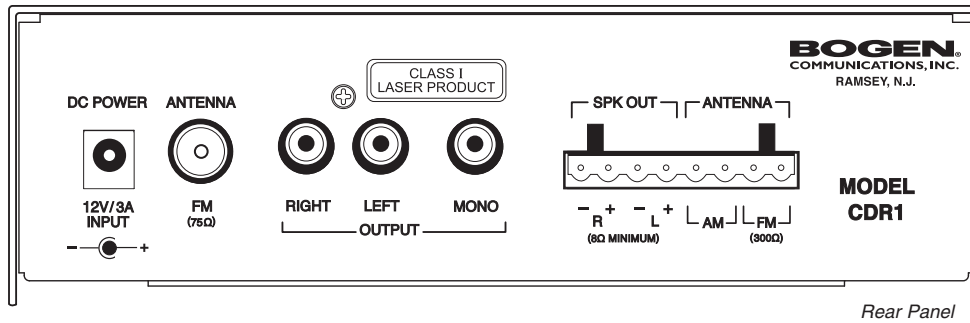
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### Features

- CD, CD-R, and CD-RW compatibility (including MP3 files)
- Browse, Repeat, Random Play, and Pause functions
- 30 Station presets: 5 Selectable bands (3 FM and 2 AM) can be programmed with 6 stations each
- Manual Tuner, Auto Seek, and Preset Scan functions
- Adjustable Loudness Contour
- AUX Input via front panel 1/8" stereo jack
- Pluggable screw terminal inputs for AM/FM antennas and speaker outputs
- 75-ohm FM F-type coax antenna input
- 1-watt, 8-ohm right/left outputs
- Separate 50-ohm right/left outputs
- 50-ohm mono-summed output
- Standard 19-inch rack mounting (2 rack spaces) with RK78 rack mounting kit, sold separately
- 12-hour time display
- LCD Display shows time, CD track information, or radio frequency
- Adjustable bass and treble
- EQ Presets: Classical, rock, pop, and flat

**BOGEN®**

Specifications subject to change without notice.  
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Part No. 54-8023-39D 1211



Rear Panel

**Technical Specifications**

**FM Tuner**  
**Frequency Range:** 87.5 MHz – 108 MHz  
**Sensitivity:** 3  $\mu$ V  
**Antenna:** 75-ohm F-type coax  
 300-ohm Dipole type

**AM Tuner**  
**Frequency Range:** 530 kHz – 1710 kHz  
**Sensitivity:** 100  $\mu$ V  
**Antenna:** Loop-type

**Audio Section**  
**Frequency Response:** 20 Hz – 20 kHz (< 5 dB)  
**Speaker Output:** 1W Minimum @ 8 ohms (Right/Left)  
**Line Output:** 50 ohms (Right/Left/Mono)  
**Operating Voltage:** 12V DC / 3A (via desktop-style power supply)  
**Disc Type:** CD, CD-R, CD-RW (including MP3 files)

**Rack Mounting Kit:** RK78 (sold separately)  
**Dimensions:** 7-1/4" W x 2-1/8" H x 9-1/4" D  
**Product Weight:** 4 lb.

**Architect & Engineer Specifications**

The auxiliary program source shall be a Bogen Model CDR1 CD Player with AM/FM Receiver, or equivalent.

The program source shall include manual tuning and auto seek control. The auto seek control shall automatically ascend (or descend) the frequency scale to the next strong frequency. It shall be possible to program up to 5 bands (FM1, FM2, FM3, AM1, AM2) with up to 6 stations each for a total of 30 stations. A preset scan control shall be provided to scroll and select from available presets. The FM section shall have a frequency range from 87.5 MHz – 108 MHz, the AM section will have a frequency range of 530 kHz – 1710 kHz. Pluggable screw terminal inputs shall be available for an AM loop antenna, a FM dipole antenna, and for speaker outputs. An F-type coax antenna connector shall also be available.

The CD player system shall include Browse, Repeat, Random Play, and Pause functions. The CD player shall be capable of playing CD, CD-R, or CD-RW discs (including MP3 files).

The CDR1 shall have a frequency response of 20 Hz – 20 kHz (< 5 dB).

The following controls shall be provided: Power/Volume, Disc Eject, Mode (Radio, CD, AUX), Audio/Menu Select (Volume, Bass, Treble, Balance, Display, Seek, and Clock), Mute, Scan, Stereo/Mono, Station Store/Select, Loudness Contour, Band, and Station Select. An LCD digital readout shall be provided to show selected frequency and band (in Radio Mode) or track (in CD Mode) information.

The unit shall operate on 12V DC (3A) power with an included desktop-style AC power adapter. It shall be possible to drive 8-ohm loudspeakers directly from 1W per channel (Right/Left) outputs. A 50-ohm mono-summed RCA output shall also be available, in addition to stereo.

The unit shall be 7-1/4" W x 2-1/8" H x 9-1/4" D and shall weigh 4 lb. The unit shall mount in a standard 19-inch rack system (2 rack spaces high) with the RK78 rack mounting kit (sold separately).

**BOGEN<sup>®</sup>**  
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