

**Features**

- Five-Disc Programmable Stereo CD Changer
- Discs May be Changed Even While One is Playing
- 32-Selection (Discs and/or Tracks) Program Capability from Five Discs
- Multiple Repeat Modes for Continuous Playback
- Multiple Random Play Modes
- High Precision Three-Beam Laser Tracking Servo
- Eight Times Over-Sampling Digital Filter
- Single-Bit D/A Converter
- Rack mount (3RU)



**Description**

The CDC-2050 is a stereo, full-featured CD changer designed for permanent installation in commercial and professional sound system applications. Five CDs (either standard compact-disc or mini-disc format) can be accommodated in the drawer-style rotary carousel. Standard functions of disc selection, disc skip, play, pause, forward skip/search and backward skip/search are supplemented by a wide range of advanced functions. A program of up to 32 selections can be defined, modified and played, with a selection being either a single track or all tracks from a specific disc. Three repeat modes can be selected: one track, one disc or all discs. The all discs repeat mode can also be used during program play for a continuous repetition of the programmed selections. Two random play modes can be selected that will randomly play unplayed tracks, either from one random disc at a time or from random disc/track combinations. A fluorescent display panel monitors CD changer activity, modes and track information. Stereo output connections are made with dual RCA-type jacks. The CDC-2050 is powered by 100-120VAC or 220-240VAC 50/60Hz (depending on country requirements). The CD changer is packaged in a 5.25" high 3RU rack-mount enclosure.

**Technical Specifications**

<b>ELECTRICAL</b>	<b>CDC-2050</b>
Frequency Range	20Hz - 20kHz
THD	<0.005%
Signal-to-Noise Ratio	>105dB
Dynamic Range	>95dB
Audio Output Level	Variable 0.2 - 2.0V
<b>GENERAL</b>	
Power Source	100-120VAC or 220-240VAC 50/60Hz
Power Consumption	15W
Weight	18.2lbs.
	6.8kg
Dimensions (W x H x D)	19" x 5.25" x 15"
	482mm x 132mm x 380mm

## CDC-2050 Architects and Engineers Specifications

The CD changer shall incorporate a five-disc-capacity drawer-style rotary carousel and shall provide basic functions including disc selection, disc skip, play, pause and forward and backward skip/search and shall be capable of playing both compact discs and mini discs. Program play shall allow playback of a user-definable selection of up to 32 elements, an element being either a single track or all tracks from a specific disc. Three repeat modes shall be selectable during play mode: single-track, single-disc or all-discs, with the all-discs repeat mode also available during program play mode.

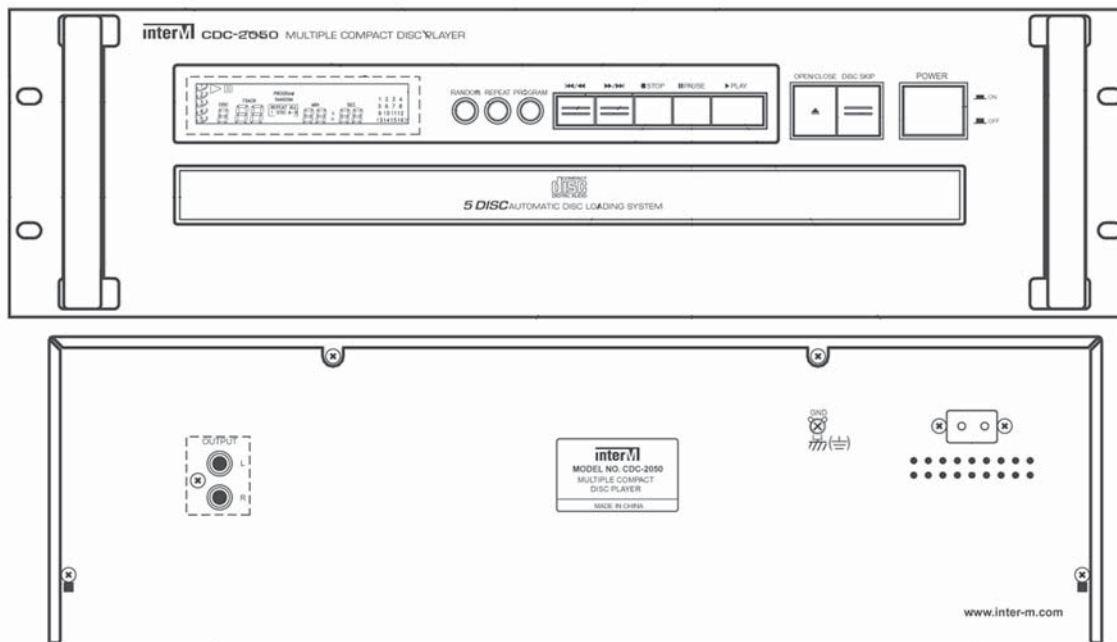
Two random play modes shall randomly play tracks, with the one-disc mode selecting the next random unplayed disc only after all tracks on a current disc are randomly played, and the all-discs mode selecting an unplayed random disc/track combination after each track. When used in conjunction with program play, the random play mode shall randomly play tracks from among the programmed selections. The repeat mode shall be usable with random play modes, whether in regular or program play modes. A fluorescent display panel shall display disc status for each of the five disc trays; mode status for program, random and repeat modes; track number; time; and both the current and remaining tracks to be played. The stereo output shall be unbalanced and connections shall be by RCA-type jacks.

The five-disc CD changer shall meet the following performance criteria:

Frequency response shall be from 20Hz to 20kHz  $\pm 0.5$ dB; total harmonic distortion shall be less than 0.005%; signal-to-noise ratio shall exceed 105dB; and dynamic range shall exceed 95dB. The five-disc CD changer shall measure 19"(482mm) wide x 5.25"(132mm) high x 15"(380mm) deep, and shall mount in a standard 19" rack. The power source shall be 100-120VAC or 220-240VAC 50/60Hz (depending on country requirements) and shall be controlled from a front-panel mounted push-on/push-off switch.

The five-disc CD changer shall be an Inter-M model CDC-2050.

## CDC-2050 Front and Rear Views



# interM

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