RM SERIES
RACK MOUNT PLAYERS & RECORDERS

RM2
OPERATION
MANUAL

GALAXY AUDIO

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This manual covers the setup and operation of the Galaxy Audio RM2-Rack Chassis and the following optional Modules:

RM-DIGIREC-Digital Recorder
RM-DIGIPLY-Digital Player
RM-TUNER-Digital AM/FM Tuner
RM-CD-CD/MP3 Player
RM-CDM-CD/MP3/SD/USB Player w/Remote
RM-CDMV-CD/MP3/SD/USB Player w/Remote and Video Out
RM-CASSP-Cassette Player
RM-CASS-Cassette Player/Recorder

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INTRODUCTION

Thank you for purchasing the RM2 and optional function Modules. The Rack Mount Players & Recorders from Galaxy Audio is a diverse line of CD Players, Digital Players/Recorders, Cassette Players/Recorders, and AM/FM tuners. Various combinations of two modules can be installed into the single space RM2 rack chassis. The RM2 supplies power and provides rear panel inputs and outputs for the modules. The RM2 features dedicated Stereo RCA Outputs for each Module, a Priority Stereo RCA Output, a Stereo RCA Input for recording, and AM and FM antenna terminals.

RM2-Rack Chassis

The RM2 features two dedicated stereo outputs, allowing the installed modules to be used as two separate devices in a single rack space. Applications include having the RM2 equipped with two different modules to service 2 different zones or rooms, such as in a restaurant, school, church, etc. This configuration also allows separate control of each module at the mixer. By contrast, the stereo priority output allows program material from both modules to appear at a single stereo output. This feature is useful when continuous automatic playing of various media is desired. One module is assigned as the priority unit. As soon as that particular unit produces a signal it will override the other unit, and only it's signal will be present at the priority output jacks. As soon as the priority device is no longer producing a signal, the signal from the secondary unit will be fed to the priority output jacks. Since the two devices feed a single stereo output, the priority feature also helps conserve mixer input channels. (NOTE: The priority feature only functions with the RM-CDM as the priority device.)

RM2 SETUP AND CONNECTIONS

   The RM2 setup and connection procedure will always depend on which modules are installed into the unit and the peripheral devices connected to it. As a general rule, make sure all the power switches of all devices are in the off position before making the power and audio/video connections. Plug the included AC Adapter into an AC outlet of the specified voltage and connect it to the DC In Jack on the rear panel. Alternatively you may supply 12-13.5VDC, 1.5A to the DC In Screw Terminals on the rear panel. Be sure to observe the correct polarity. Once all connections are made, make sure all volume controls are set to the minimum before switching on the devices. Power up the equipment in the order of signal flow, with the source devices first (including the RM2), then the mixer and processors, and finally the power amps last. This will prevent any loud switching "pops" in the system. The preferred power down order would be the reverse of this.

RM2 Rack Chassis Specifications

   Size: Single full rack space
   Capacity: Holds up to 2 Modules
   Power Supply: Included AC Adapter
                  Input: 120 VAC, Output: 12-13.5 VDC, 1.5A
   I/O:
   RCA Stereo Line Inputs for Recording
   Module 1 RCA Stereo Line Output
   Module 2 RCA Stereo Line Output
   Priority RCA Stereo Line Output
   AM/FM Antenna Terminals
   Alternate 12-13.5 VDC Power Input (Screw Terminals)

RM-DIGIREC-Digital Recorder

One Galaxy Audio RM-DIGIREC, digital recorder, may be installed into the RM2, rack mount chassis along with one of the other modules. The RM-DIGIREC records to 44.1KHz MP3 format. The unit has an internal Flash memory, which will record about 2 hours of Stereo audio. An SD card can also be inserted (up to a 1 GB) for longer record time (about 16 hours of stereo audio). The front panel of the unit features a pair of ¼" Mic Level Input Jacks and a corresponding Record Level Control. Also located on the front panel are all function selection buttons (play, pause, stop, repeat, etc.) Recording may also be accomplished using the Stereo RCA Line (REC IN) jacks on the back panel.

The RM-DIGIREC is great for many applications including: recording a church service and then downloading to a computer for posting on the web, recording live music, recording corporate or government meetings, or simply for playback in PA systems.
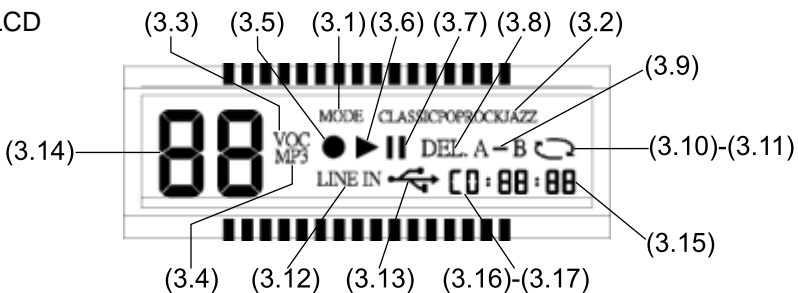
DIGIREC Controls and Functions

1. Keys--Power, REC, PLAY (II), ¦ , MODE,   ,   (/LINE IN), A-B (/EQ), ⤴ (⟲), << (/VOC/MP3), >> (/DEL.)
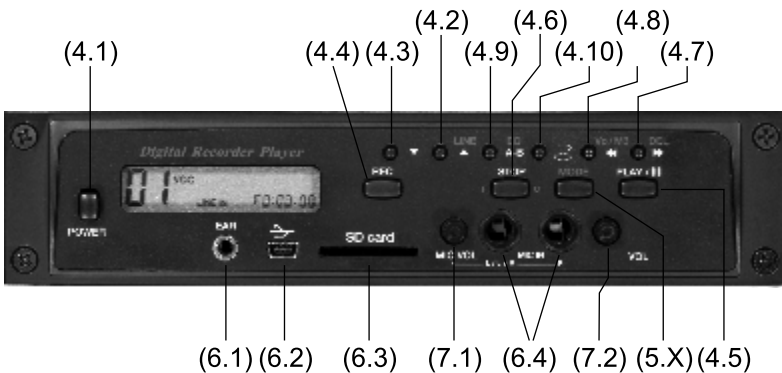
2. Tracks----1~99 tracks.
   * 99 tracks in flash memory, VOC mode. * 99 tracks in flash memory, MP3 mode. * 99 tracks in SD card, VOC mode. * 99 tracks in SD card, MP3 mode. The total storage time for the internal flash memory is approximately 120 minutes.

3. LCD

3.1   MODE key
3.2   EQ select: CLASSIC, POP, ROCK, JAZZ, or NORMAL (No EQ).
3.3   VOC mode
3.4   MP3 mode
3.5   ● Recording
3.6   ► Playing
3.7   ‖ Pause
3.8   **DEL**.: Delete file
3.9   **A-B**: A-B repeat
3.10   ᵔ Repeat
3.11   ᴐ Repeat All
3.12 **LINE IN**: Line in audio source available
3.13 ⇔ Connecting to PC through USB
3.14 88 Track number
3.15 88·88 Time counter
3.16 **F:** Using flash memory
3.17 **C:** Using SD card

(4.1)   (4.4) (4.3)   (4.2)   (4.6)   (4.8)
                            (4.9)   (4.10)   (4.7)

(6.1) (6.2)   (6.3)   (7.1) (6.4) (7.2) (5.X) (4.5)

4. Key control

4.1 Power key
4.2 Up key: Press the Up key to advance track selection. Track number
will advance quickly when the key is held for at least two seconds
(this function will not work in MP3 mode).
4.3 Down key: Press the Down key to reverse track selection. Track
number will reverse quickly when the key is held for at least two
seconds (this function will not work in MP3 mode).
4.4 REC key: Record key. First push **MODE** + **STOP** to select **C** (Card)
or **F** (Flash) as the recording media. You may use the Mic Inputs or
LINE IN jacks, or both sources simultaneously for recording. (See 5.1,
6.1, and 7.1 below.) Then select the track number in VOC mode, push
the REC key to record, then push the ■ key to stop recording. If the
track you want to record is occupied, the LCD will show "? ? ", you must

delete the content of the track before you can re-record on that track. When the memory reaches 30 seconds remaining, the LCD will start to count from 30 down to1 second.

4.5 Play/ II key: Select the track number you want to play, then press the PLAY key. Pressing the PLAY key during playback will pause play, then pressing the PLAY key again will resume play. Press the STOP Key to stop play.

4.6 ■   Key: STOP key. Press the key to stop all operations: recording, playing, or track selection.

4.7 Key (Forward): Forward key. The track will fast forward when you press and hold the key. Playback resumes to normal speed when the key is released.

4.8 Key (Rewind): The track will rewind when you press and hold the key. Playback resumes to normal when the key is released.

4.9 A-B repeat key: During playback, press this key to assign any point as the start point (A point) and then press again to assign the end point (B point) on a track. The unit will repeatedly play from points A to B until you press the key again to release the function, and continue normal play.

4.10 Repeat key: In MP3 mode during playback, press the REPEAT key once to "repeat the track", the LCD will show Press the REPEAT key twice to "repeat all the tracks", the LCD will show. Press the key a third time to cancel the repeat function. The "Repeat all" function cannot be used in VOC mode.

5. MODE key: Pressing the MODE key activates the special function options shown in RED on the front panel. The LCD will show "MODE" when the MODE key is pressed. Then press the desired function key. If the function key is not pressed within 5 seconds, the unit will return to normal mode. The following is a description of special function keys:

5.1 MODE key + (/LINE IN): Activates the Line In Jacks (rear panel) for recording. The LCD will show "LINE IN". (Note: The Mic Inputs always remain active.)

5.2 MODE key + **A-B (/EQ):** Press repeatedly for EQ select function. The EQ sequence is Classic, Pop, Rock, Jazz or Normal. (Normal EQ will not be shown on the LCD)

5.3 MODE key + (/VOC,/MP3): Used to select the VOC mode (to Record from microphone or LINE IN source), or MP3 mode (to Download *.mp3 files from PC).

5.4 MODE key + (/Del.): Delete key. The LCD will show "DEL". You must push the (/Del.) key again to delete the track. The LCD will show "DEL" until the delete process is finished.

5.5 MODE key + key: Press to select Flash or SD Card when in PLAY or Idle modes.

6. The DIGIREC features the following additional connectivity:

  6.1 EAR: 1/8" stereo jack for earphones. Used to monitor Input Signals during recording or Output during play mode.

  6.2 ⟷ :USB connector to transfer data to or from a computer.

  6.3 SD Card Slot: For extended SD memory card (up to 1GB). (When using a 512 MB SD card, the recording time available is over 8 hours.)

  6.4 MIC IN: Stereo (L & R) ¼" Mic Inputs. Use "L" Input to record single Mic to both L&R channels.

7. ROTARY VOLUME CONTROLS:

  7.1 MIC VOL: Record Level Control for Mic Inputs..

  7.2 VOL: Output Volume Control.

8. USB CONNECTION: Allows transfer of audio files between a computer and the DIGIREC.

  A. Connect the Hardware: Connect the DIGIREC to your computer using a USB cable. Your computer will recognize a new removable storage device automatically. You can add, delete, copy, and preview files. (If the operating system of your computer is Windows 98 or earlier, you must install the included USB driver.)

  ** To ensure stable operation, please do not twist or remove the USB cable during data transmission. Make sure to stop the USB device before disconnecting the USB cable.

  B. Downloading files from the computer: The computer will recognize the DIGIREC as two removable disks (the first disk is the build-in Flash Memory, the second disk is the SD Card Memory). Once connected, you may download music files from the computer, or copy/move music files from the DIGIREC to the computer.

  C. Converting MP3 files to VOC mode: The DIGIREC will playback the MP3 files you download from the computer in MP3 mode, and playback the sound files you recorded from MIC-IN or LINE-IN in the VOC mode. However, the track number of each music file in MP3 mode is determined by the order the files are downloaded, so the track number is not fixed. Also, the file name may change if any existing tracks are deleted. If you want the MP3 tracks to retain a fixed track number, or enable them to playback in VOC mode, you will need to change the file names of the MP3 files according to the following format:

  C-1: If you want to playback the MP3 file from flash memory in VOC mode, you must re-name it as M_INT.xx.MP3 (xx is where you would enter the

chosen track number, for example 03 would be track no. 3)

C-2: If you want to playback the MP3 file from an SD card in VOC mode, you must re- name it as M_EXT_xx.MP3 (xx is where you would enter the chosen track number, for example 03 would be track no. 3)

D: After completing all operations on the computer, please disconnect the USB cable to   operate the DIGIREC.

***NOTICE: Please read the following before using the DIGIREC.

9. Please switch off the power when not using the DIGIREC for a long period of time.
   * To ensure stable data transmission, please do not twist the USB cable during data transmission.
   * Do not press the LCD screen or poke it with a sharp object.
   * Do not subject the unit to rain or any other moisture.

10. The SD card is a very sensitive media storage device. Please follow these guidelines:
   *Do not remove the SD card during data transmission.
   *Do not bend, strike, drop or open the SD card.
   *Do not subject the SD card to high temperature, high humidity, dust, or static electricity.
   *Make sure the SD card you are using has been formatted to FAT 32.
   *Make sure the write protection switch of the SD card is unlocked when you are recording.
   *The DIGIREC will process a large amount of data during recording and playing. We strongly suggest that you use a high-speed SD card to prevent noise, data loss or any transmission problems.
   * We have tested and approval the following brands of SD cards: Toshiba SD-M51225R2W 512MB / Apacer SD 120X 1GB / Apacer SD 256MB

11. We do not guarantee the function, operation, or life of any SD card is used in this device. We do not take any responsibility for the damage of SD cards.
12. As in any digital recording device, the user must save the internal files from time to time. We do not assume any responsibility for lost or damaged files.

RM-DIGIREC-Digital Recorder Specifications

Record/Play Format: MP3
Sample rate: 44.1KHz, 128 Kbps
Internal Memory: 128MB NAND flash memory (records about 2 hours)
SD Card Slot: (up to 1 GB SD Card, records about 16 hours)
Recording Inputs: (2) ¼" Mic, with Input Level Control
                    (2) Line Level Stereo RCA Jacks (rear panel)
USB 1.1 connector: For file transfer to or from a computer
5 EQ modes: Normal, Classic, Pop, Rock, and Jazz.
Headphone Output: 1/8" (3.5mm) Stereo

RM-DIGIMP-Digital Player

The RM-DIGIMP is a digital audio player that is similar to the RM-DIGIREC
described earlier, except it has no recording functions and no internal flash
memory. It does, however, feature both an SD Card slot and a USB input
port. It also comes with a remote control. The functions of the DIGIMP are
similar to the "play" functions of the DIGIREC described earlier.

RM-TUNER-Digital AM/FM Tuner

The RM-TUNER Digital AM/FM tuner has a range of 87.5 MHz-108 MHz
(FM) and 530 KHz-1720 KHz (AM). The RM-TUNER can be used worldwide.
There are 20 programmable station memory presets, (10 AM and 10 FM),
and a sleep function that is programmable from 10 to 90 minutes. The RM-
TUNER will also retain it settings when power is lost or switched off, and the
unit has a volume control located on the front panel.

(3)   (11)

(1)   (2)   (10) (9) (8)   (7) (6) (5) (4)
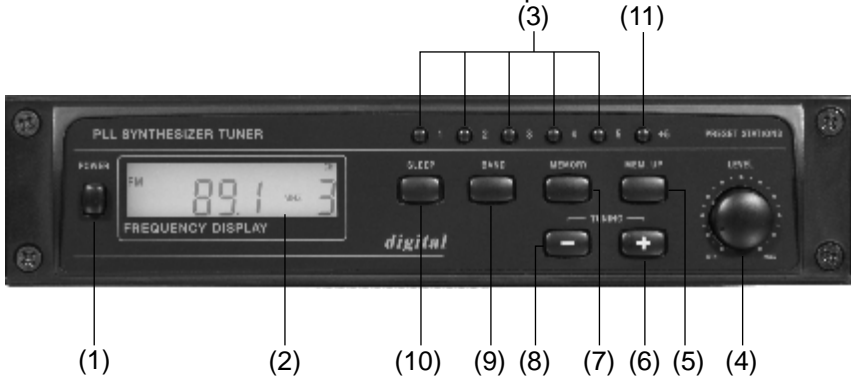
DESCRIPTION:

1	Power Switch	2	TUNER LCD Display
3	Memory Key - M1~M5	4	Volume Control
5	Memory Up	6	Radio Station Select - Tuning Up
7	Memory Set	8	Radio Station Select - Tuning Down
9	BAND - AM/FM	10	Sleep
11	Memory +5		

INCLUDED ACCESSORIES:
    AM Antenna, FM Antenna

OPERATION:

POWER ON / OFF
    Press "1" to switch on power.
    Press "1" to switch off power.

RADIO TUNER
    Press "9" to select the AM or FM Band.
    Press "6"   or "8"   for UP or DOWN station tuning. For automatic scan
    searching, press and hold "6" or "8" for three seconds. Scanning will stop
    automatically when a station is found.

● **Radio Station Memory Function.**
   20 Station Presets available (10 AM / 10 FM).
   Stations may be preset to memory by using either of the following two methods:

   1.) Tune in desired station. Press " 7 " (MEMORY), then press the desired memory location " 3 " (M1-M5), and then press " 7 " (MEMORY) once more. Repeat for additional station presets. To preset memory locations M6 thru M10 press " 7 " (MEMORY), then press "11" (M+5). Then press the desired memory location " 3 " (M1-M5), and then press " 7 " (MEMORY) once more. Repeat for additional station presets.

   2.) Tune in desired station. Press " 7 " (MEMORY), then press "5" (MEM UP) until the desired memory location (M1-M10) is selected, and then press " 7 " (MEMORY) once more. Repeat for additional station presets.

   To recall and play preset stations M1-M5 simply press the corresponding button. To recall and play preset stations M6-M10, press "11" (M+5), and then press one of the M1-M5 buttons. Alternatively, you may simply step through the presets by pressing "5" (MEM UP) until you reach the desired station.

● **Sleep Function**
   This function allows the tuner to play a station for a preset amount of time, and then switch off the tuner when the time expires. Press "10 " (SLEEP) to activate this function. "90" will appear in the display to indicate the tuner will play for 90 minutes. Press "SLEEP" repeatedly to change the play time. The time will step down, from 90 to 10 minutes, in 10-minute steps. When the desired time is reached wait for the display to return to the play mode. "SLEEP" will be shown in the display to indicate this function is active. This function may be cancelled at any time by simply pressing "SLEEP" once.

● **LEVEL (VOLUME)**
   Rotate " 4 " (LEVEL) to adjust & control the desired volume.

RM-TUNER-Digital AM/FM Tuner Specifications
● AM/FM Digital Tuner
● 20 station memory presets (10 AM/10 FM)
● LCD Display
● Sleep function
● Station scan search
● Radio Tuning Range: FM 87.5 MHz–108 MHz / AM 530 KHz–1720 KHz

RM-CD-CD/MP3 Player
● CD/MP3 player
● LCD display
● Volume control
● Track selector
● Play, Pause, Stop function

The RM-CD CD/MP3 player will play standard audio CDs as well as user recorded CDs in both Wave and MP3 format. Functions include Power, Play, Pause, Stop, Eject, & Track selection.

The CDM and CDMV have the same basic features as the RM-CD with the addition of an SD Card Slot & a USB input. The CDMV adds the ability to play various video discs and provides a Video Output Jack. The front panel features and functions include: LCD display, source selector, Fast Forward, Reverse, Play/Pause, Stop/Eject, & Hi, Normal, Low Pitch Control. A wireless Remote Control is also included.

RM-CDM-CD/MP3/SD/USB Player w/Remote
- Plays Wave and MP3s from CD
- Plays MP3's from SD Cards and USB Input
- Remote control
- Pitch Control

RM-CDMV-CD/MP3/SD/USB Player w/Remote and Video Out
- Plays Wave and MP3s from CD
- Plays VCD, CDG, JPG discs
- Video Output Jack
- Plays MP3's from SD Cards and USB Input
- Remote control
- Pitch Control

Anti Shock CD/USB/SD Card Reader/Speed Control/Remote Control Player

IDENTIFICATION OF CONTROLS:

- POWER: Press to switch the power ON or OFF.
- LCD: Displays media status including track number and playing time.
- SD / USB / CD: Press to select format.
- ⏮ FB: Fast Reverse. Then press " PLAY / PAUSE " to resume normal playing.
- ⏭ FF: Fast Forward. Then press " PLAY / PAUSE " to resume normal playing.
- FOLDER: Press to select folders when playing MP3 files.
- REV: Press to select previous track number.
- FWD: Press to select next track number.
- PLAY / PAUSE: Press once to start play. Press again to pause.
- STOP/ EJECT: Press to stop play. Press twice more to eject CD.
- Infrared Sensor: Receives signal from the remote control.
- USB Connector
- SD Card Slot: Accepts SD Cards and MMC Cards.
- VIDEO OUTPUT: Image output. (CDMV only)
- LO - PITCH: Press to lower speed and pitch. (10 steps of speed variation)

- HI – PITCH: Press to raise speed and pitch. (10 steps of speed variation)ia status including track number and playing time.
- NOR – PITCH: Press once to return speed and pitch to normal.

LCD Display:
- MP3: Indicates MP3 mode is active.
- CD: Indicates CD mode is active.
- ▶ (Play). II (Pause).
- REPEAT 1: Selected track will play repeatedly.
- REPEAT ALL: All tracks will play repeatedly.
- REPEAT FOLDER: Tracks from a specific folder will play repeatedly.
- SHUFFLE: Random playback is active.
- PROGRAM: Playback of programmed tracks is active.
- MEMORY: Playback of memory tracks is active.
- A→B: Repeated playback of section between points A and B.
- 88 :Displays folder numbers when in MP3 mode.
- 888 :Displays the currently playing track.
- 88·88 :Displays the time for the currently playing track.
- VOLUME: Rotate to adjust & control the desired volume.

PLAYING:
- Accepts the following 12 cm discs: CD, CD-R, CD-RW, and MP3 disks. Provides USB and SD / MMC Card playing. Accepts MP3 and WMA formats. Do not insert CD-ROM / CD-I / CDV, 8 cm discs, or computer CDs.
- CDMV will display images from VCD, JPG, MPG and CD-G modes.
- Insert a disc into disc slot with the playback side down and playback starts automatically. Track number and playing time will be displayed.
- To pause during normal playback, press PLAY/PAUSE or press ▶II on the remote control.
- Press REV, FWD, or ⏮ ⏭ on the remote controller, for desired next or previous track number. CD player will continue playback while displaying selected tracks.
- To stop playback, press STOP/EJECT or press ■ once on the remote control. Press STOP/EJECT once to stop playback, LCD will show total track numbers and total time played. Press again to stop CD play. Press again to eject the disc. Press again to insert the disc.
- Press FB, FF or ◀◀ ▶▶ on the remote control to activate fast forward or reverse until the desired section is located.
- FOLDER :Press "FOLDER" on the front panel or remote control to select the desired folder when in MP3 mode. Repeat to step through available folders.
- Press LO, HI, NOR / PITCH or LOW HIGH NOR on the remote controller to adjust high / low / normal speed and pitch.

Note: *When inserting/removing a disc please allow the CD player to pull/return the disk automatically. Do not pull or push the disk by hand as damage may result.*

SD/MMC Card
- Insert an SD Card or MMC Card into the card slot on the front panel. Push the card until it locks in place. To remove the card, simply push the card again to release it.
- Press SD / USB / CD on the front panel or on the remote controller. Each push will step through the choices. Select SD and then press PLAY / PAUSE or ▶❚❚ on the remote control to start play.

USB
- Insert a USB device or cable into the USB port on the front panel.
- Press SD / USB / CD on the front panel or on the remote controller. Each push will step through the choices. Select USB and then press PLAY / PAUSE or ▶❚❚ on the remote control to start play.

   For more operation functions please refer to *PLAYING* and *FUNCTIONS OF THE REMOTE   CONTROL.*

FUNCTIONS OF THE REMOTE CONTROL
   (Applies to only the CDM and CDMV)

- ⏏ EJECT: Press to stop play. Press again to eject the disk.
- PROG Programming songs into memory.

   1) Insert and play the CD from which you wish to enter songs into memory. Press the PROG key once and then select the track number, of the first song you want to program into memory, from the numbered keys. For example: if you press 2 and 3, then the LCD will display "23". Then press the PROG confirm key to enter this song into memory. The LCD will display "23:01". Then enter the track number of the next song

you wish to program. For example: If you press "5", and press the ⏎
key, the LCD will display "05:02", and so it has set "23" and "05" as
memorized songs. Press the play key ⏎ to start play of all of the
memorized songs. Meanwhile, the LCD indicator will display
"MEMORY" and the current song numbers. If you want to cancel all of
the memorized songs, press the PROG key twice.

2) To enter songs in the MP3 format, press the PROG key once, and select
the folder   number. For example: press 2 and then press the ⏎
Confirm key, and then press 3. Then press the ⏎ confirm key, and the
LCD will display 02 03:01". So it has set up 02 as the memorized folder,
03 as the song number, and 01 is the first memorized song. Repeat
this to memorized more songs. After confirming, press the play key ▶❚❚
to play all the memorized songs. Meanwhile the LCD indicator will
display "MEMORY" and the current song number. If you want to cancel
all of the memorized songs, press the PROG key twice.

● RAN :Random songs are played from all available tracks. Press RAN and
the LCD   will show "SHUFFLE". You may step through random songs by
pressing ◀◀ or ▶▶
● REP :Repeat mode.

1) For CDs press "REP" once to REPEAT ALL songs. Press again to
repeat only the current song (REPEAT 1). Press a 3rd time to cancel
the repeat function.

2) To repeat songs from the MP3 format, press the REP key repeatedly
to step through the following options: "REPEAT ALL", "REPEAT"
"FOLDER", "REPEAT" 1. Press once more to cancel the repeat
function.

● Numbered keys 0 ~ 9 :Press to select song track numbers.
● FOLDER :Press to select available folders. The LCD will display the current
folder.
● ▶❚❚ :PLAY / PAUSE. Press once to play and the LCD will show ► . Press
again to pause and the LCD will show ❚❚ .
● ■ :Press to stop play.
● ◀◀ :Skip to the previous track.
● ▶▶ :Skip to the next track.

● ◀◀ :Press once to activate fast reverse. Press again to cancel fast
reverse. Then press ▶❚❚ to return to normal play.
● ▶▶ :Press once to activate fast forward. Press again to cancel fast
forward. Then press ▶❚❚ to return to normal play.
● CD USB/SD :Press to select CD, USB, or SD format. Then press ▶❚❚ to start

　　playing the selected format.
● [A⏩] Activates the zone memory function. During playback, press [A⏩]
　　to set the start point (A). Press [A⏩] again to set the end point (B), and the
　　unit will repeatedly play from point A to point B. Press again to cancel the
　　A➔B Function.
● [⊠] :MUTE Press once to mute audio. Press again to hear the audio. (The
　　track will continue to play even when muted.)
● [⏎] :ENTER (Confirm).
● PITCH: Used to adjust speed and pitch of playback. Each press of [HIGH]
　　will increase the speed and pitch. Each press of [LOW] will decrease the
　　speed and pitch of playback. Ten steps of speed/pitch are available.
　　Press [NOR] to return to normal speed/pitch.

● Point the Remote Control towards the IR sensor on the front panel of the
　　CDM when in use. The optimal receiving distance is 3 meters. (The
　　maximum distance is 5 meters.) The remote control requires one
　　battery: (model CR2025 3V)
● To install the battery:
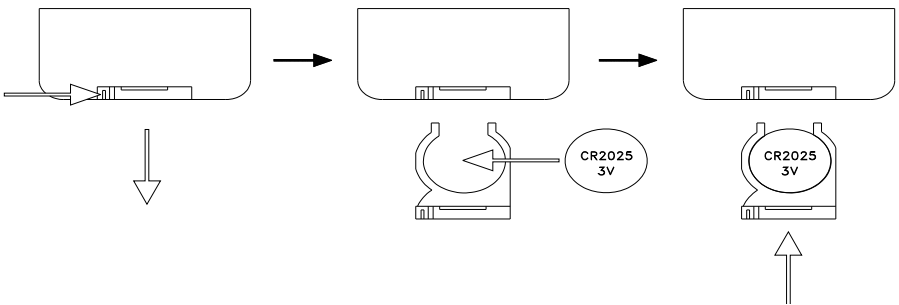
　1. Press and hold the tenon located on lower left-hand corner of the rear
　　　of   the remote control. Then pull out the battery tray by the slot at the
　　　right.
　2. Place the battery   positive side facing upwards for correct polarity.
　3. Slide the battery compartment back into the locked position.

RM-CASSP-Cassette Player

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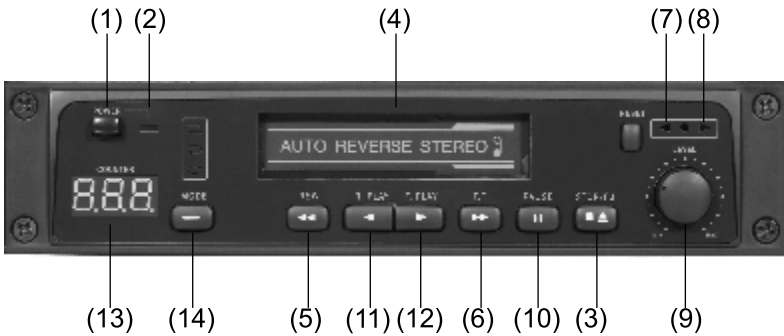
DESCRIPTION:

1	Power ON/OFF Switch	2	Power ON/OFF LED
3	Eject Button	4	Cassette Tape Slot
5	Fast Rewind (REW)	6	Fast Forward (FF)
7	Tape A - side LED	8	Tape B - side LED
9	Volume Control	10	Pause Button
11	Play Reverse (Side-B)	12	Play Forward (Side-A)
13	Counter Display	14	MODE - Select

OPERATION:

POWER ON
- Press "1" Power Switch to turn on the unit; "2" Power LED will be lit constantly until "1" is pressed again.

OPERATIONS & FEATURES
- Insert a cassette into the "4" Cassette Tape Slot. The tape will start and play continuously unless you press the Eject or Pause button.
- The "3" Eject button is for stopping play and ejecting the cassette from the player.
- Press " 5" REW to rewind the cassette rapidly.
- Press "6" FF button to move the cassette forward rapidly.
- Press " 5" REW and "6 " FF together to play the other side of the cassette.
- Both "7" and "8" LED will be continuously lit for on & off till the user's next action, which indicates the tape is loaded correctly.
- Press the "10 " Pause button to pause play; press again to continue **play.**

LEVEL
- Rotate "9" LEVEL to adjust the volume.

POWER OFF
- Press "3" Eject Button to eject the cassette from the machine, then press "1"
  to switch off the power.

RM-CASS-Cassette Player/Recorder

(1) (2) (3)   (4)   (5)   (6) (7) (8)

(9)   (10) (11) (12) (13) (14) (15) (16) (17)   (18)

DESCRIPTION:

1	Power ON/OFF Switch	2	Power ON/OFF LED
3	Play Mode Indicators	4	Cassette Tape Slot
5	Counter Reset	6	Tape B - side LED
7	Recording LED	8	Tape side - A LED
9	Counter Display	10	MODE-Select
11	Record (REC)	12	Fast Rewind (REW)
13	Play Reverse (Side-B)	14	Play Forward (Side-A)
15	Fast Forward (FF)	16	Pause Button
17	Stop/Eject Button	18	Volume Control

OPERATION:

POWER ON/OFF
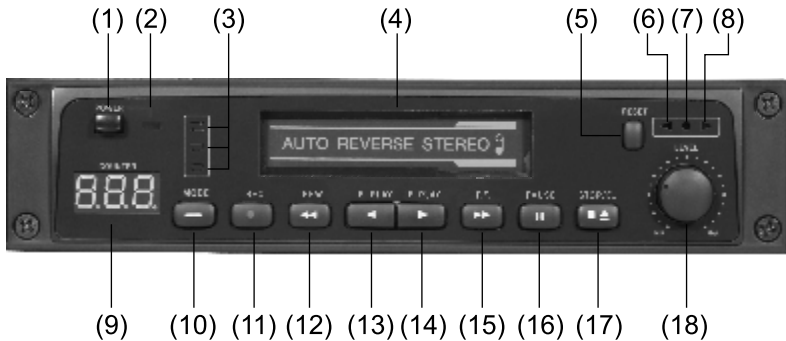- Press "2" Power Switch to turn on the unit; "3" Power LED will be lit constantly until "2" is pressed again.
- Tape Counter "10" will display zero (000).
- Both LED's "7" & "8" will flash twice, then the indicator of "4" will light.

OPERATIONS & FEATURES
- Insert the cassette, with Side-A facing up, into the slot "1".
- Both "7" and "8" LEDs will blink continuously until the user's next action, which indicates the tape is loaded correctly.
- Press "13" or "16" to go the beginning of Side-A or Side-B respectively. "7" or "8" will blink while the tape is fast forwarding or fast rewinding respectively. When the tape reaches the end, both "7" and "8" will blink continuously until the user's next action.
- Press "15" to play Side-A or press "14" to play Side-B. When "15" is pressed, "10" starts to count ascending from zero (000) or wherever it was stopped, and "7" will be lit continuously. When "14" is pressed, "10" starts to count descending from zero (000) or wherever it was stopped, and "8" will be lit continuously.
- Press "11" to set the mode of the songs that will be played: Each press of the button will step through the 3 modes and "4" will indicate which mode is active. The 3 available modes are:
    One Way Auto Stop (plays side-A or side-B only. The unit will stop when reaching the end of the side.)
    Two Way Auto Stop (plays side-A, then side-B, then stops; It will always stop after playing side-B.)
    Auto Reverse (Looping continuously from one side to the other; no stopping.)
- Rotate "19" to adjust the desired volume.
- Counter Reset: Press "5" at anytime when Side-A or Side-B is playing. "10" will be reset to zero (000).
- Press "17" to pause. When "17" is pressed, "7" and "8" will flash alternately until "17" is pressed again. Press "17" again to resume play. No other functions can be executed until "17" is pressed to resume, or "18" is pressed to stop.
- "18" Stop / Eject may be pressed at anytime. After pressing once, both "7" and "8" will blink continuously until the user's next action. Press twice to eject the cassette.
- FF "16" (Fast Forward) and REW "13" (Fast Rewind) modes: When the tape reaches the end, both "7" & "8" will start blinking, and the system will automatically stop and wait for the user's next command.

APSS: Auto song searching

* At anytime while *Side-A* of the cassette is playing: Pressing "16" will search for the next song or pressing "13" will search for the beginning of the same song. However, the system will search for the previous song if "13" is pressed within 10 seconds after a song begins to play. If "13" is pressed right after "16" is chosen to search for the next song, the APSS function will be cancelled and the system will enter the REW mode.

At anytime while *Side-B* of a cassette is playing: Pressing "16" will search for the beginning of the same song or pressing "13" will search for the next song. However, the system will search for the previous song if "16" is pressed within 10 seconds after a song begins to play. If "16" is pressed right after "13" is chosen to search for the next song, the APSS function will be cancelled and the system will enter the FF mode.

TAPE RECORDING:

● Connect the line level output of the source device, of which you wish to record, to the stereo RCA REC IN jacks on the RM2 rear panel.
● Insert a blank cassette into the tape slot "1".

● Press "12" once to enter "Record Standby" and "6" will be lit. For Side-A recording press "15", and indicator "7" will be lit as well. For Side-B recording press "14" and indicator "8" will be lit as well. When recording, all function keys are disabled except for "12" and "18".

● Press "11" to set the recording mode. 2 modes are available:
   One Way Auto Stop (records on side-A only, or side-B only. The unit will stop automatically when reaching the end of the side.)
   Two Way Auto Stop (records on side-A first and continues to side-B. The unit will stop automatically at the end of Side-B.)
   Auto Reverse is not available in record mode. If selected, it will function the same as Two Way Auto stop.

* Press "12" again while recording to pause. When paused, all function keys are disabled except for "14", "15", and "18". Press "14" or "15" to resume the recording in the original recording direction. During recording, "10" will count in an ascending direction.

POWER OFF
● Pressing "2" at any time during play or record will stop the function, cause the cassette to eject, and then switch off the power source.

LIMITED WARRANTY

A RETURN AUTHORIZATION (RA) NUMBER MUST BE OBTAINED from Galaxy Audio prior to any items being returned to Galaxy Audio for return or repair. Contact customer service @ (800)369-7768.
Galaxy Audio warrants the materials and workmanship of its products as follows:
A limited THREE YEAR Warranty applies to the following products:
1. HOT SPOTS-including HSRG, HSVC, PA5XD & GALACTIC MONITOR PACKAGE
2. MICRO SPOTS-including MSVC, MSPM, MSPA(DC)
3. CRICKET Polarity Test Set
4. JACKS IN THE BOX – including the MULTI MIXER
5. Hot Spot Accessories

A limited ONE YEAR Warranty applies to the following products:
1. CHECKMATE Series-including CM130, CM140, CM150, CM160, CM-C200 and accessories
2. ANY SPOT Series-including AS-1000(R)(T), 500 & 700 SERIES, TOUR GUIDE/TRANSLATOR SYSTEMS, WIRELESS CAMERA KIT
3. ANY SPOT Accessories & Components
4. TRAVELER SERIES-including ANY SPOT TRAVELER, WIRELESS SPEAKERS, WIRED PA SYSTEM PACKAGES, TRAVELER W/ECHO
5. TRAVELER Accessories

The following are not covered by the warranty:
1. Damage to or deterioration of the exterior of the item which occurs after delivery
2. Damage after initial delivery resulting from accident, misuse or neglect
3. Damage resulting from failure to follow instructions contained in the owner's manual
4. Damage resulting from the performance of repairs by someone other than the Galaxy Audio repair department
5. Damage occurring during the shipment or delivery of any Galaxy Audio product to Galaxy Audio after initial delivery of the product to you.
6. Damage to any Galaxy Audio product which has been altered or on which the serial number has been effaced or removed.
7. Damage to or deterioration of the exterior of the item which occurs after delivery

Galaxy Audio does not authorize any third party including any dealer or Service Center to assume any liability on behalf of Galaxy Audio or to make any warranty for Galaxy Audio

DEFECTIVE MERCHANDISE POLICY-WARRANTY
A RETURN AUTHORIZATION (RA) NUMBER MUST BE OBTAINED from Galaxy Audio prior to any items being returned to Galaxy Audio for return or repair. Contact customer service @ (800)369-7768.

The Galaxy Audio warranty policy is to repair and return defective merchandise. Items under warranty may be replaced at no charge if deemed un-repairable by the Galaxy Audio technician. Proof of purchase may be required to verify warranty status. Customer will be responsible for shipping charges to repair facility, repaired product will be returned shipping prepaid by Galaxy Audio. Freight charges will not be reimbursed. Credit for defective warranty merchandise must have authorization from the Galaxy Audio main office before credit will be issued and will be subject to applicable restock and replacement charges.
A twenty (20%) restock fee will apply to warranty items returned for credit. The cost of replacement parts to bring the item back to "like new" condition will also be deducted from credit for warranty items

DEFECTIVE MERCHANDISE POLICY-NON WARRANTY
A RETURN AUTHORIZATION (RA) NUMBER MUST BE OBTAINED from Galaxy Audio prior to any items being returned to Galaxy Audio for return or repair. Contact customer service @ (800)369-7768.
Repair charges are $30.00 per hour (no minimum) plus parts. Customer will be responsible for all shipping charges. Prepayment is expected if customer is not set up with open account terms in advance. Discounts are not applicable on repairs. Open account terms for repairs will be Net Thirty (30) days. Some items past the warranty time period may qualify for a standard replacement cost. Please contact Galaxy Audio for more information.

RM2 OPERATION MANUAL