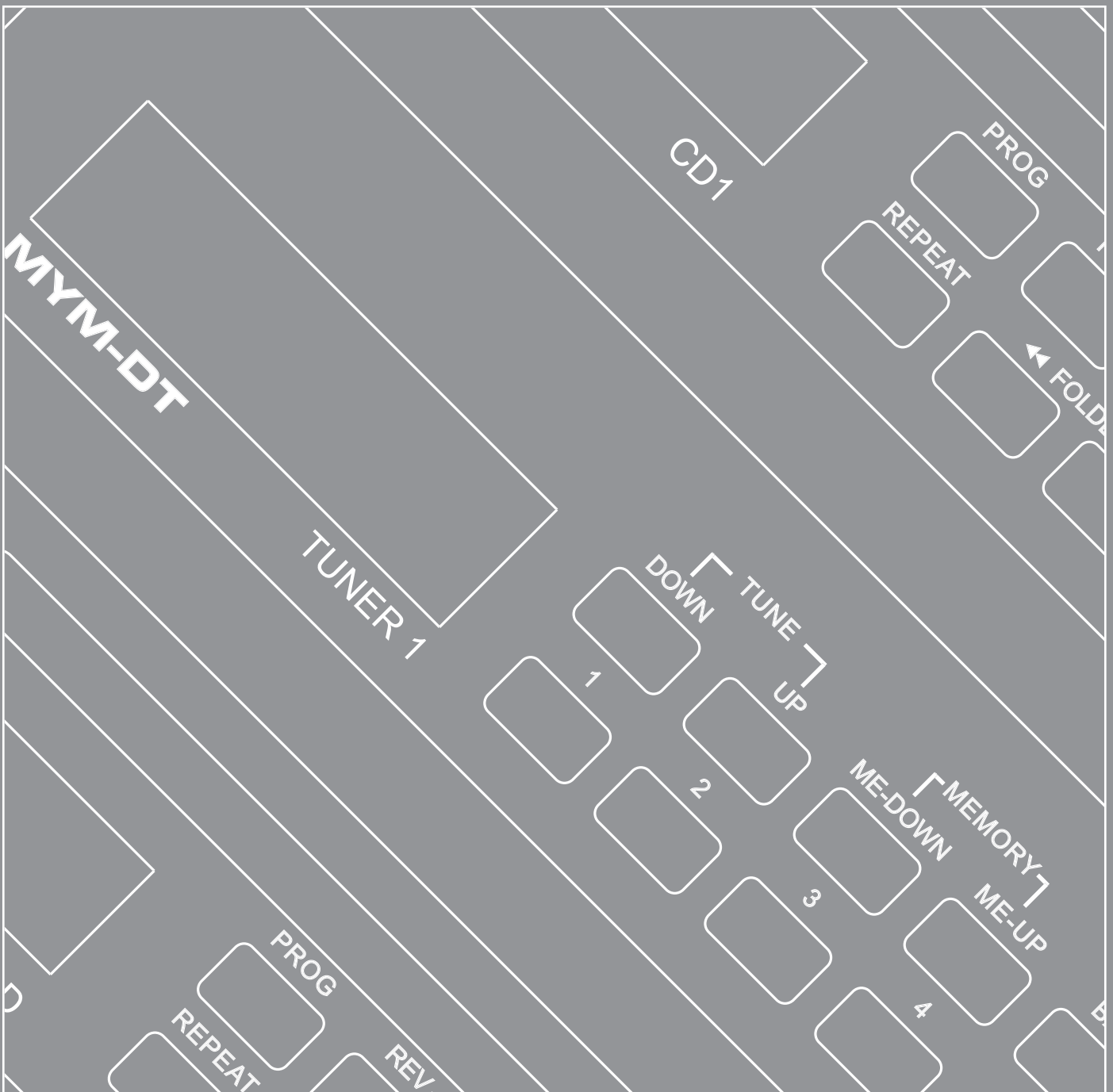


MY MUSIC

PROGRAM SOURCE SERIES INSTALLATION AND OPERATION MANUAL





IMPORTANT SAFETY INFORMATION



1. Save the carton and packing material even if the equipment has arrived in good condition. Should you ever need to ship the unit, use only the original factory packing.
2. Read all documentation before operating your equipment. Retain all documentation for future reference.
3. Follow all instructions printed on unit chassis for proper operation.
4. Do not spill water or other liquids into or on the unit, or operate the unit while standing in liquid.
5. Make sure power outlets conform to the power requirements listed on the back of the unit.
6. Do not use the unit if the electrical power cord is frayed or broken. The power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.
7. Always operate the unit with the AC ground wire connected to the electrical system ground. Precautions should be taken so that the means of grounding of a piece of equipment is not defeated.
8. Mains voltage must be correct and the same as that printed on the rear of the unit. Damage caused by connection to improper AC voltage is not covered by any warranty.
9. Have gain controls on amplifiers turned down during power-up to prevent speaker damage if there are high signal levels at the inputs.
10. Power down and disconnect units from mains voltage before making connections.
11. Never hold a power switch in the "ON" position if it won't stay there itself!
12. Do not use the unit near stoves, heat registers, radiators, or other heat producing devices.
13. Do not block fan intake or exhaust ports. Do not operate equipment on a surface or in an environment which may impede the normal flow of air around the unit, such as a bed, rug, weathersheet, carpet, or completely enclosed rack. If the unit is used in an extremely dusty or smoky environment, the unit should be periodically "blown free" of foreign matter.
14. Do not remove the cover. Removing the cover will expose you to potentially dangerous voltages. There are no user serviceable parts inside.
15. Do not drive the inputs with a signal level greater than that required to drive equipment to full output.
16. Do not connect the inputs / outputs of amplifiers or consoles to any other voltage source, such as a battery, mains source, or power supply, regardless of whether the amplifier or console is turned on or off.
17. Do not run the output of any amplifier channel back into another channel's input. Do not parallel- or series-connect an amplifier output with any other amplifier output. Australian Monitor Inc is not responsible for damage to loudspeakers for any reason.
18. Do not ground any "hot" terminal. Never connect a "hot" output to ground or to another "hot" output!"
19. Non-use periods. The power cord of equipment should be unplugged from the outlet when left unused for a long period of time.
20. Service Information Equipment should be serviced by qualified service personnel when:
 - A. The power supply cord or the plug has been damaged.
 - B. Objects have fallen, or liquid has been spilled into the equipment
 - C. The equipment has been exposed to rain
 - D. The equipment does not appear to operate normally, or exhibits a marked change in performance
 - E. The equipment has been dropped, or the enclosure damaged.

The Australian Monitor Installation Series *My Music* program source series are one rack unit, dual program source players that features either an AM/FM tuner & single disc CD/USB player (MYM-TCD), dual CD/USB players (MYM-DCD) or, dual AM/FM tuner modules (MYM-DT). The tuner module has one FM band & one AM band, with 10 user selectable preset stations, there is also a programmable sleep function for the tuner. The CD/USB player is fully programmable up to 20 tracks & includes Random track selection for CD's & Repeat Single Track or Repeat All Track functions for both CD & MP3's. There is also an optional IR control available for the CD/USB player. The *My Music* is supplied with an IEC power lead & AM/FM antenna (on tuner models). The *My Music* also boasts individual stereo outputs from both the Tuner & CD player as well as a stereo priority output for the MYM-TCD. The *My Music* series provides a high quality, rack space friendly & extremely well featured dual background music source at a contractor friendly price.

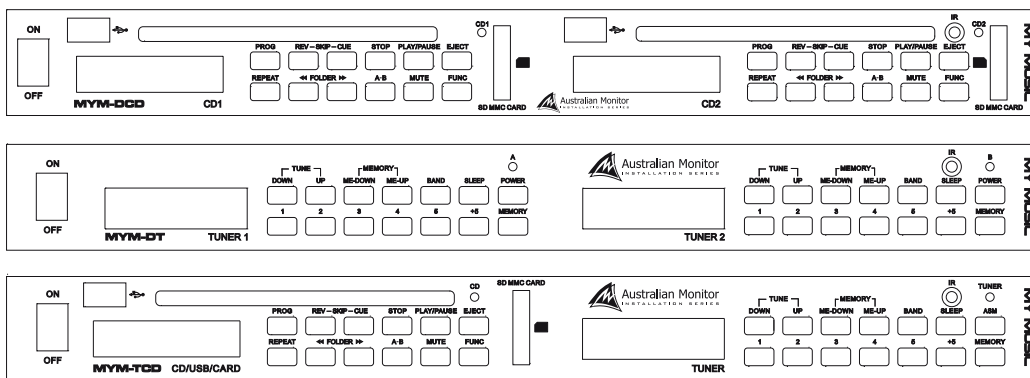
Your *My Music* will be one of these models:

MYM-DCD : Dual CD/USB players

MYM-DT : Dual AM/FM tuners

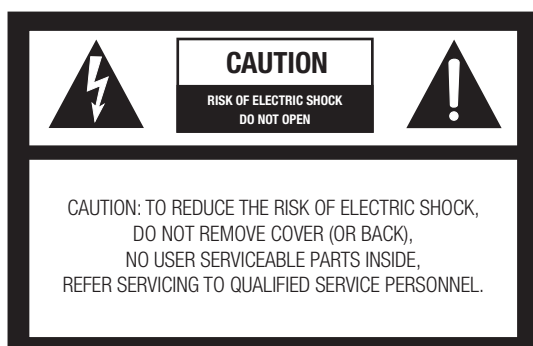
MYM-TCD : 1 AM/FM Tuner and 1 CD/USB player

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Copyright 9th Feb 2006
Rev D: 3rd June 2008
Rev E: 12 Dec 2009
Rev F: 22 Feb 2010

The following shows an MYM-TCD which has both module types for explanatory purposes.



WARNING!

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK
DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

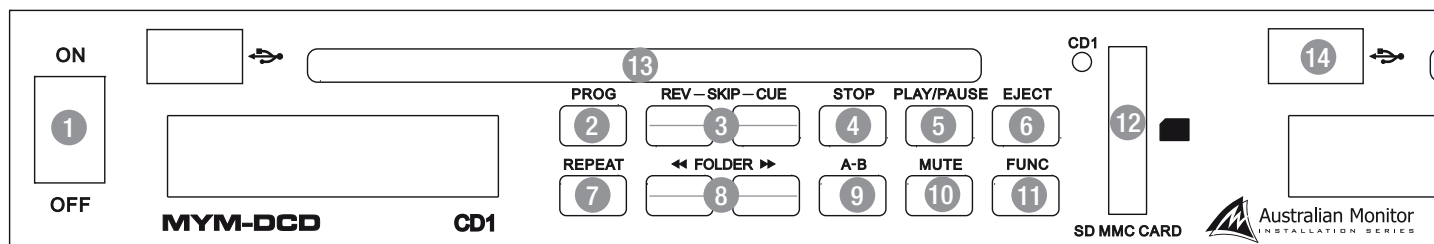


This symbol is intended to alert the user to the presence of important operational and maintenance (servicing) instructions in the literature accompanying the appliance.

Caution:

To prevent electric shock do not use this (polarised) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure. To prevent electric shock, match wide blade of plug to wide slot, fully insert.

FRONT PANEL – CD/USB PLAYER



CD/USB/SD PLAYER

1 POWER

Turns the *My Music* player on or off.

2 PROG

Works with conventional CD's only, does not apply to MP3 recorded disks.

Allows you to program up to 20 tracks to play in the order you program. The program order is not saved and will be cleared when you press STOP. Use the UP/DOWN buttons to change track and press PROG to move to the next program slot. Press PLAY/PAUSE to start the program order. REPEAT ALL will repeat the order that has been programmed. While in program mode, "Pxx" on the LCD display indicates the program order position. While in program play mode, "Pxx" on the LCD display indicates the actual track number. An ordered program cannot be paused. Advance the program order using UP/DOWN. Once an order position ("Pxx" in program mode) has been entered it cannot be changed. Pressing PROG while the track indicator reads "-" cycles you through the program order. Selecting UP/DOWN changes the track number but pressing PROG again will put that track in the next program position.

3 SKIP REV/CUE

Pressing these buttons momentarily changes the track. Pressing and holding these buttons while a track is playing changes the position within a track. Note that audio is not audible while changing track position.

4 STOP

Stops the CD/MP3 playing and returns to the start of the disk. This button also clears the programmed track order.

5 PLAY/PAUSE

Plays and pauses the track.

6 EJECT

Ejects the disk. Pressing this button while a disk is ejecting returns the disk to the player.

7 REPEAT

Will cycle through the repeat functions of the unit.

8 FOLDER FWD REV:

For use when playing MP3 (data) CDs, or USB memory sticks. Jumps to either the next available folder, or previous folder. Moves sequentially through folder tree structure.

9 A-B:

Pressing the A button will set a start point and B will set an end point. Once this has been done, a loop will cycle between these two points.

10 MUTE

Mute's the Audio

11 FUNC:

Cycles the unit between CD Player, Mp3 Player and SD Card player

12 SD/MMC

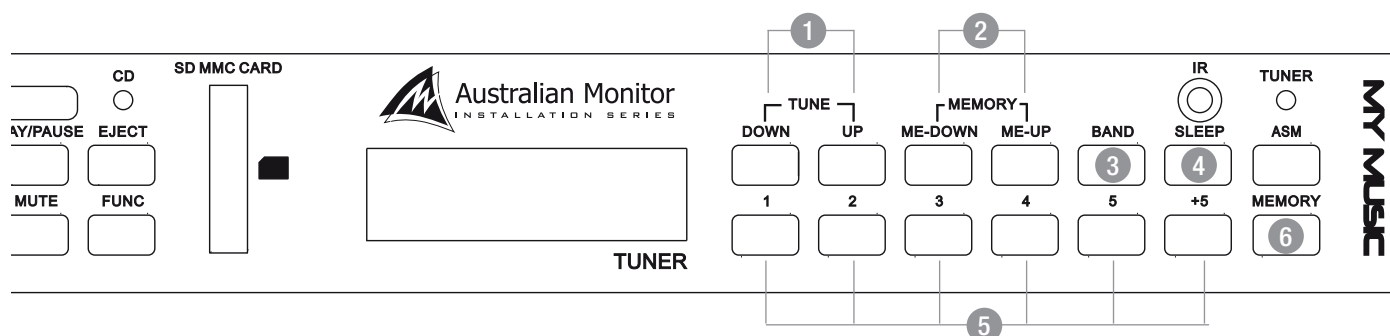
Card Slot

13 CD PLAYER

This slot is for loading either audio CDs or data CD-ROMs with MP3 files pre-loaded.

14 USB STICK INPUT

This socket is for connecting a USB memory stick with MP3 audio files pre-loaded.



AM/FM TUNER

1 TUNE (UP/DOWN)

Changes the tuner frequency.

2 MEMORY (UP/DOWN)

Changes the preset number.

3 BAND

Changes between AM and FM bands.

4 SLEEP

This button allows you to set a countdown timer to switch the tuner module off. It is set in increments of 10mins from 90mins to 10mins. Pressing this button while in sleep countdown mode turns off the sleep function.

5 1-5; +5

These buttons allow the immediate selection of a preset. Use +5 to select 6-10.

6 MEMORY

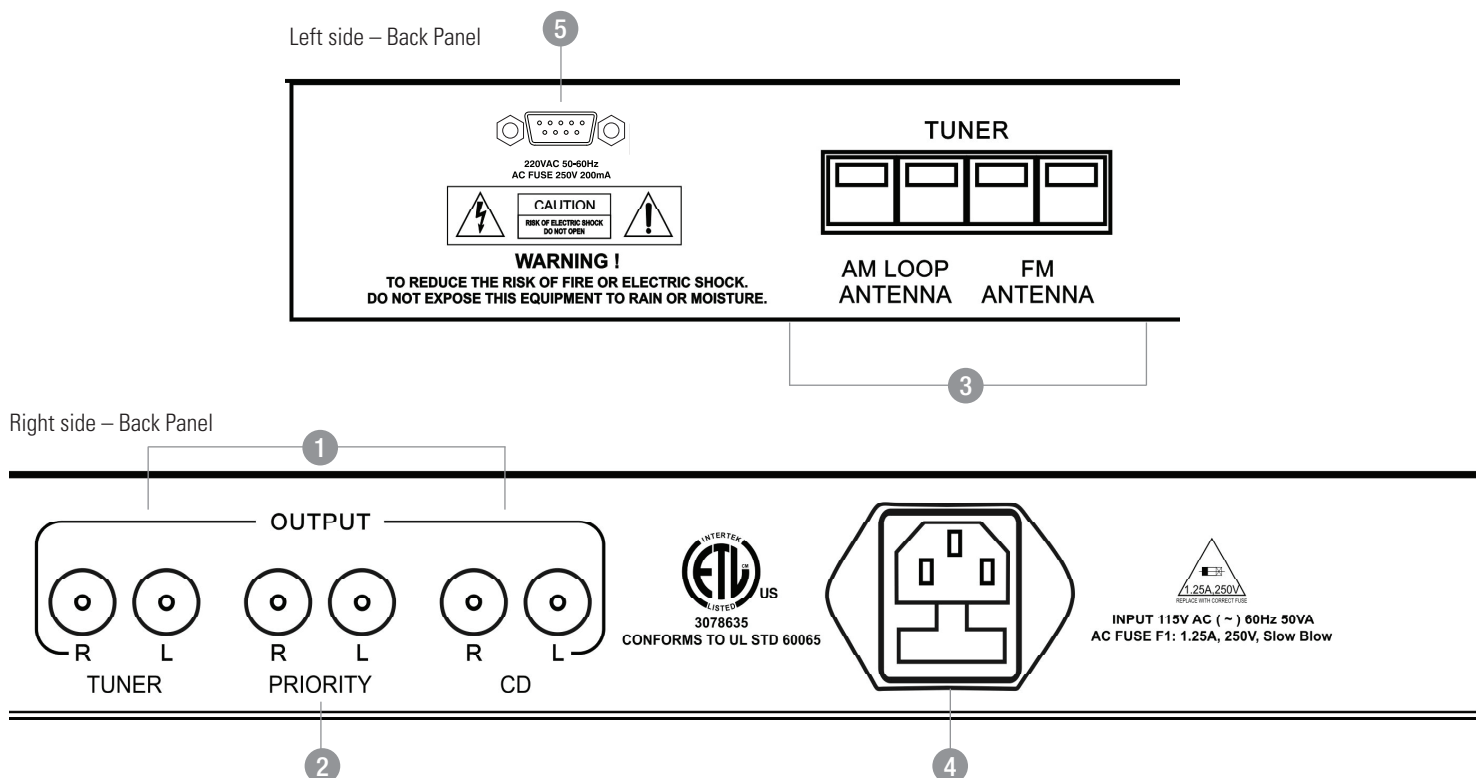
This button allows the memory setting to be programmed.

To program a memory setting:

1. Tune to the required frequency
2. Press MEMORY (MEMO flashes on LCD display),
3. Press a number from 1-5 (or +5 and a number for 6-10)
4. Press MEMORY again.

This process must be completed within 4 secs or you will need to start again.

BACK PANEL



NOTE: The above drawing shows the back panel of the 115V version. Layout is similar for the 230V version. Correct mains voltage should be noted on the actual unit.

1 DIRECT STEREO OUTPUTS

These outputs provide direct signal from each module.

2 PRIORITY

The *My Music* MYM-TCD features a STEREO PRIORITY OUTPUT, in addition to the separate Direct Stereo outputs for the modules. The Priority Output will output the signal from the secondary module until signal appears on the primary module.

MYM-TCD: CD has priority over TUNER

Signal from the secondary module will return automatically, once the primary module falls silent.

This feature allows the user to utilize only one input on their mixer/amplifier for both modules.

3 ANTENNA

These terminals provide connections for the antenna of each band. There will be two strips of terminals on the MYM-DT, one for each module. There is no antenna connection for the MYM-DCD.

4 IEC MAINS INPUT SOCKET

This is a standard IEC 3 pin socket. It accepts a standard IEC mains cable, provided. The fuse drawer contains the mains fuse and a spare. The mains fuse is a time lag (slow blow) HRC 20mm x 5mm ceramic type fuse.

The ratings are:
230V/240V model 0.63mA
115V model 1.25A

Mains connected apparatus covered by this standard is intended for installation in compliance with the National Electric Code ANSI/NFPA 70.



Always replace the fuse with one of the same value and type.



NOTE: Always disconnect power to the amplifier before replacing fuses.

5 RS232:

This is a DB9 socket for RS232 control. The pin out is:

Pin 2 = TX
Pin 3 = RX
Pin 5 = GND

The MYM series control protocol allows replication of all front panel controls via RS232.

Baud: 9600

Bits: 8

Parity: No

Stop Bits: 1

Flow Control: No

FORMAT:

ASCII	ASCII	ASCII	HEX	HEX
E	<Module>	<Command>	0d	0a

MODULES:

CD1	ASCII: A
CD2	ASCII: B
TUNER1	ASCII: C
TUNER2	ASCII: D

COMMANDS:

CD Functions

Folder Skip –	A
Folder Skip +	B
Down	C
Up	D
Stop	E
Play/Pause	F
Eject	G
Prog	H
ESP	I
ID3	J
Mute	K
Play Mode	L
Func	M
A-B	N
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

Tuner Functions

1	A
2	B
3	C
4	D
5	E
6	F
7	G
8	H
9	I
10/0	J
+10	K
Direct	L
Down	M
UP	N
Me-UP	0
Me-DOWN	1
Memory	2
ASM	3
MO/ST	4
Sleep	5
Band	6
Auto Down	7
Auto Up	8

RS232 CONTROL CONTINUED

RETURN STRINGS:

Command OK:

	ASCII	ASCII	ASCII	HEX	HEX
	+	O	K	0d	0a

Command Error:

	+	E	R	0d	0a
--	---	---	---	----	----

EXAMPLE STRINGS:

Play on CD 2

	ASCII	ASCII	ASCII	HEX	HEX
Send	E	B	F	0d	0a
Rcv	+	O	K	0d	0a

Preset 2 on Tuner 1

	ASCII	ASCII	ASCII	HEX	HEX
Send	E	C	B	0d	0a
Rcv	+	O	K	0d	0a

Eject on CD 1

	ASCII	ASCII	ASCII	HEX	HEX
Send	E	A	G	0d	0a
Rcv	+	O	K	0d	0a

Memory Up on Tuner 2

	ASCII	ASCII	ASCII	HEX	HEX
Send	E	D	O	0d	0a
Rcv	+	O	K	0d	0a

SPEC. OF CD/USB PLAYER

1. Output Level @ 1kHz, 0dB	1.2V +/- 0.3V
2. Frequency Response	20Hz-20kHz +/- 2dB
3. Separation 1kHz, 0dB	>60 dB
4. T.H.D+ Noise 1kHz, 0dB	<0.05%
5. S /N Ratio	>80 dB
Size of SD Card	Universal SD STD size
Filetype	FAT16 /FAT32

SPEC. OF AM / FM TUNER

FM:

1. Tuning Range	87.5 MHz -108 MHz
2. IF Frequency & Rejection	10.7 MHz >80 dB
3. Image Rejection	>25 dB
4. S/N Ratio 1mV/M Input	46db
5. T.H.D 1mV	<1.0%
6. Auto Tuning Sens.	<50uV

AM:

1. Tuning Range	522kHz – 1620kHz
2. IF Frequency & Rejection	450 kHz >45dB
3. Image Rejection	>30dB
4. S/N Ratio 5mV/M Input	>35dB
5. Auto Tuning Sens.	<2mV
Dimensions	482 (W) x 44 (H) x 250 (D) mm

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