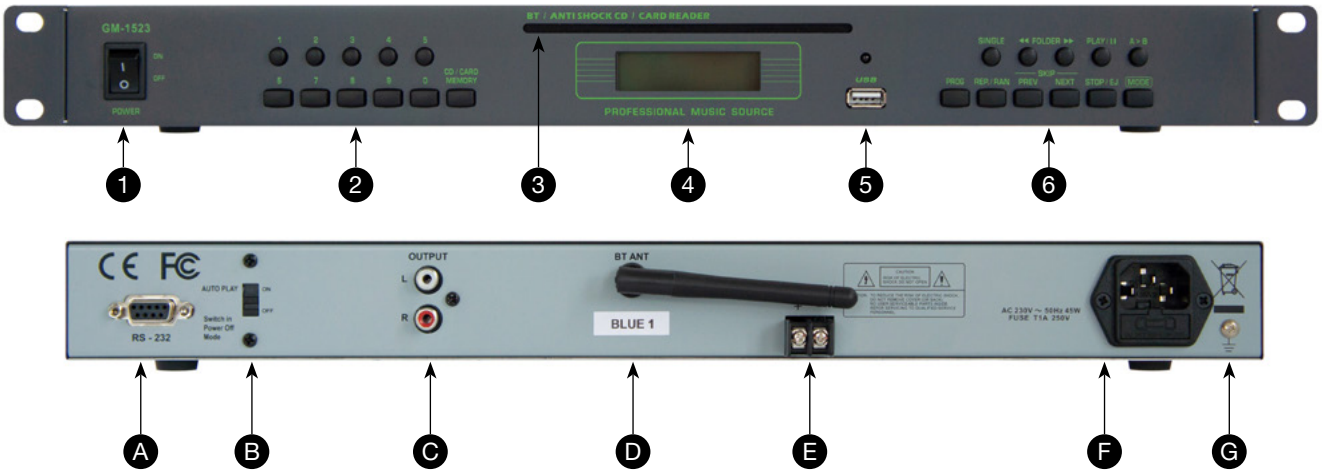
GM-1523

CD / USB PLAYER / BLUETOOTH



Front view (FRS)

1 Power On / Off
2 Program buttons
3 CD player
4 LCD display
5 USB socket
6 Program functions

Rear view (RWS)

A Socket RS-232
B Auto-play switch
C Cinch output stereo
D Bluetooth antenna
E Connection emergency power supply
F Power supply 230 V
G Ground

Remote control

Accessories

Chinch cable	1 pcs
Remote control	1 pcs
Network cable	1 pcs

Features

- CD, USB, Bluetooth playing
- Compatible with up to 64 GB, USB
- Display with track information
- Compatible with 12 cm disc, such as CD, CD-R, CD-RW, MP3 disk
- Playing format: MP3, WMA
- AUTO PLAY switch: possible to select Auto Play or Manual Play function

Installation

1. Connect AV Cord to OUTPUT Terminal
2. Connect AC Power Cord in between Socket and AC power resource in AC 230 V. Or connect DC Power Cord in DC 13.2 V for emergency power supply.
3. Connect to Ground ⏚

Operating elements

Button	Function
POWER	Power ON / OFF
MODE	To switch for CD, USB or Bluetooth mode
PLAY / II	Press to stop playing and press to disk ejected gradually
STOP / EJ	Wiedergabe stoppen oder CD auszuwerfen
PREV	Short press: to desired previous track number Long press: reversing fast
NEXT	Short press: to desired next track number Long press: fast forwarding
Numbers 0–9	Press to play desired track
FOLDER ▶▶	Select forward to next folder
FOLDER ◀◀	Select backward to last folder

REP. / RAN	Repeat and Random key. • Press once, LCD shows "REPEAT ONE": Repeat current playing song • Press 2 times, LCD shows "REPEAT FOLDER" (for MP3 format): Repeat all songs in the folder • Press 3 times, LCD shows "REPEAT ALL": Repeat all songs • Press 4 times, LCD display "RANDOM ON" • Press again, LCD display "RANDOM OFF"
PROG	To memorize the self-set tracks. • Press PROG. LCD display shows "PROGRAM" then use FOLDER ◀◀ , FOLDER ▶▶ (for MP3 format) to select the folder and use PREV-SKIP-NEXT combinative buttons to select the song. Then press PROG to confirm. • Repeat above step to store more tracks. • To play the memory track, press PLAY/II, the LCD Display shows "MEM" and then start to play. • Press PROG again to cancel the program function.
SINGLE	Press will turn into pause mode after current track is finished playing. LCD display shows current track. Press once, LCD show "SINGLE ONE", press again LCD show "SINGLE OFF"
CD / CARD MEMORY	Only operate during play mode. Able to memorize up to 10 tracks. • Press to enter memory mode. LCD shows "HOT KEY". • Use FOLDER ◀◀, FOLDER ▶▶ and PREV/NEXT buttons to select desired track • Long press buttons 0 to 9 to memorize desired track, LCD shows memorized track#. The track is saved at buttons 0 to 9. • Directly press buttons 0 to 9 to play memorized track. • To leave memory setting mode, press CD/CARD MEMORY button again.
A > B	Designated area repeating. • Press once to start playing the beginning of memory. LCD flash "A>" • Press again to stop at the end of memory area. The device repeats to play memory area. LCD show "A>B" • Press it again to cancel A→B function. LCD display "A>B" will be disappeared.
BLUETOOTH	• Press MODE to switch to Bluetooth mode • LCD flash "WAITING PAIR BLUE1" (or BLUE2 or BLUE3 or BLUE4), when searching the Bluetooth signal. • Search for Bluetooth device name: BLUE1 or BLUE2 or BLUE3 or BLUE4 on smart phone • Once Bluetooth is connected, LCD shows "CONNECTING BLUE1" (or BLUE2 or BLUE3 or BLUE4) • On the panel, use PLAY/II, PREV/NEXT buttons to operate play, pause, previous track, next track for Bluetooth device.
AUTO PLAY (operated at rear panel)	ON: After inserting a CD/USB, the device plays automatically. OFF: After inserting a CD/USB, press PLAY button to start.

Operating elements of the remote control

Operating elements

Button	Function
VOLUME -/+	Press to adjust the volume
MODE	To switch for CD, USB or Bluetooth mode
PLAY / II	Play and pause
STOP	Press to stop playing
EJECT	Press to eject disk
REV	Short press to play the previous track. Press and hold to rewind
F.WD	Short press to play the next track. Press and hold to fast forward
Numbers 0–9	Press to play desired track
FOLDER ▶▶	Select forward to next folder
FOLDER ◀◀	Select backward to last folder
REPEAT / RANDOM	Repeat and Random key. Press once, LCD shows "REPEAT ONE": repeat the currently playing song Press 2 times, LCD shows "REPEAT FOLDER" (for MP3): repeat all songs in the current folder Press 3 times, LCD shows "REPEAT ALL": repeat all songs Press 4 times, LCD display "RANDOM ON" Press again, LCD display "RANDOM OFF"
MUTE	Press to mute

PROG	To save the tracks. • Press PROG. LCD display shows "PROGRAM" then use FOLDER ▶▶ ◀◀ (for MP3 format) to select the folder and use PREV-SKIP-NEXT combinative buttons to select the song. Then press PROG to confirm • Repeat the steps above to store more tracks • To play the memory track, press PLAY / II, DISPLAY shows "MEM" and then starts to play • Press PROG again to cancel the programmed function
SINGLE	Press, to switch into pause mode after the current track is finished. The display shows the current track. • Press once, the LCD shows "SINGLE ON" • Press again, the LCD shows "SINGLE OFF"
CD / CARD MEMORY	Operate only during play mode. Only operate during play mode. • Press to enter memory mode. The Display shows “HOT KEY” • Use FOLDER ▶▶ FOLDER ◀◀ and PREV / NEXT buttons to select the desired track • Press and hold the 0~9 buttons to memorize the desired track, the display shows the saved track# • The track will be saved by pressing 0~9 buttons • To exit the memory setting mode, press the CD / CARD MEMORY button again
A > B	A>B: the designated area is repeating. • Press once to start playing the beginning of memory. LCD shows "A>" • Press again to stop at the end of memory area. The device repeats to play memory area. LCD shows "A>B" • Press it again to cancel A→B function. "A>B" disappears on the LCD display
BLUETOOTH	• Press MODE to switch to Bluetooth • The LCD shows "WAITING PAIR BLUE1" (or BLUE2 or BLUE3 or BLUE4), when searching for a Bluetooth signal • Search for Bluetooth device name: BLUE1 or BLUE2 or BLUE3 or BLUE4 on the smart phone • Once the Bluetooth is connected, the LCD shows "CONNECTING BLUE1" (or BLUE2 or BLUE3 or BLUE4) • On the panel, use PLAY/II, PREV/NEXT buttons to operate play, pause, previous or next track

RS232 Internet Radio Command Code	
The Communication between computer and unit is UART	
Start bit:1 Stop bit: 1 Code: HEX	Data bits: 8 Parity bit: none Baud: 19200
Function	**Code**
KEY 0	71 A0
KEY 1	71 A1
KEY 2	71 A2
KEY 3	71 A3
KEY 4	71 A4
KEY 5	71 A5
KEY 6	71 A6
KEY 7	71 A7
KEY 8	71 A8
KEY 9	71 A9
EJECT	71 AA
PROG	71 AB
RANDOM ON / OFF	71 AC
REPEAT ONE	71 AD
REPEAT FOLDER	71 AE
REPEAT ALL	71 AF
REPEAT OFF	71 2D
PLAY / PAUSE	71 BA
STOP	71 BC
F.WD	71 BD
REV	71 BE
MUTE ON / OFF	71 BF
SINGLE ON / OFF	71 CA
F.F ON / OFF	71 CB
F.B ON / OFF	71 CC
A→B	71 D3
FOLDER ▶▶	71 D4
FOLDER ◀◀	71 D5
MODE	71 DB
CD MODE	71 DC
USB MODE	71 DD
BT MODE	71 48

Start bit:1 Stop bit: 1 Code: HEX	Data bits: 8 Parity bit: none Baud: 19200
Function	**Code**
Track memory 01	71 30
Track memory 02	71 31
Track memory 03	71 32
Track memory 04	71 33
Track memory 05	71 34
Track memory 06	71 35
Track memory 07	71 36
Track memory 08	71 37
Track memory 09	71 38
Track memory 10	71 39
SAVE Track memory 01	71 3A
SAVE Track memory 02	71 3B
SAVE Track memory 03	71 3C
SAVE Track memory 04	71 3D
SAVE Track memory 05	71 3E
SAVE Track memory 06	71 3F
SAVE Track memory 07	71 40
SAVE Track memory 08	71 41
SAVE Track memory 09	71 42
SAVE Track memory 10	71 43
VOLUME +	71 44
VOLUME -	71 45
VOLUME MAX	71 46
VOLUME MIN	71 47
Track memory mode OFF	71 4C