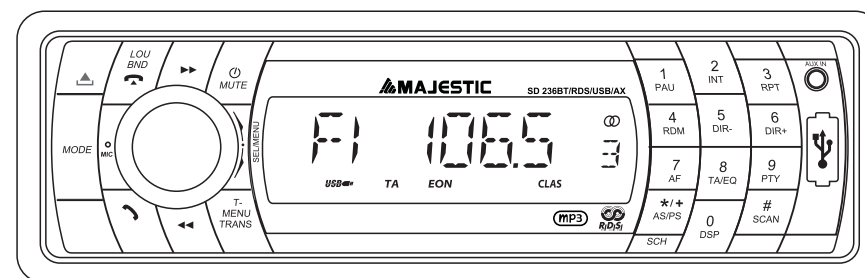




SD 236BT/RDS/USB/AX

INSTRUCTION MANUAL



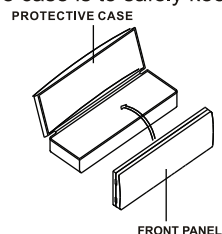
USB/CARD/MP3 PLAYER
FM-RDS DIGITAL PLL TUNING RADIO



La New Majestic SpA dichiara che il prodotto è
rispondente al D.M. 584 del 28.08.95 ed in
particolare a quanto indicato nell'art. 2 comma 1

PRECAUTIONS AND MAINTENANCE

1. If the car interior is extremely hot, as after being parked in the sun, do not use the player until the car has been driven for a while to cool off the interior.
2. The protective case is to safely keep the front panel.



3. The unit is designed for negative terminal of the battery which is connected to the vehicle metal. Please confirm it before installation.
4. Do not allow the speaker wires to be shorted together when the unit is switched on. Otherwise it may overload or burn out the power amplifier.
5. Do not install the detachable panel before connecting the wire.

SPECIFICATION

GENERAL
 Power requirement.....DC 12V.
 Current consumption.....15 A MAX.
POWER OUTPUT.....120W (30W X 4).

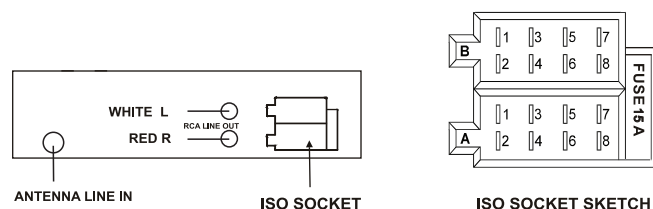
Number of channels.....2 STEREO.
 Chassis dimensions.....178[W] X 50[H] X 107[D].

FM SECTION
 Frequency range.....87.5MHz -108MHz
 Usable sensitivity.....3uV.
 I.F Frequency.....10.7MHz.

LINE - OUT
 Output.....MAX 1200mv

System.....MP3 audio system.
 Frequency characteristics.....20-100Hz ≤ 5dB
 10-20KHz ≤ 5dB.
 Signal to noise50dB [1KHz]

WIRES CONNECTION



CONNECTOR A

- 1.
- 2.
- 3.
4. Memory +12V
5. Auto Antenna Output
- 6.
7. 12V (To Ignition Key)
8. GROUND

CONNECTOR B

1. Rear Right Speaker (+)
2. Rear Right Speaker (-)
3. Front Right Speaker (+)
4. Front Right Speaker (-)
5. Front Left Speaker (+)
6. Front Left Speaker (-)
7. Rear Left Speaker (+)
8. Rear Left Speaker (-)



"CE" marking states that the product is compliant to European Directives:
 2004/108/CE EMC Directive

It is possible to request a full copy of Declaration of compliance to:
 New Majestic S. p. A. Via Rossi Martini, 41-26013 Crema (CR) Italy

TROUBLE SHOOTING

Before using the check list please make all the connections first.
If you still have questions after going through the checklist, please consult your local customer service representative.

Common Symptoms	Cause	Solution
There is no power.	The car ignition is switched off.	If the power supply is properly connected to the car accessory, switch the ignition key to "ON" or "ACC" .
	The fuse has blown.	Replace another fuse according to the wiring diagram.
There is no sound.	The volume control is set too low.	Turn up the volume properly.
	The device has not been correctly connected.	Check the power and earth connection according to the wiring diagram.
The operation keys do not work	1.The built-in microcomputer is not operating properly due to noise 2.Front panel is not properly fix into its place	1. Switch the device off and on again. Or press the RESET button to resume the program. 2. Reinstall the front panel
No radio reception.	The antenna cable is not connected.	Insert the antenna cable firmly into the antenna socket of the device.
In automatic search mode the radio does not stop at a transmitting station.	The transmission signals are too weak.	Tune in to a radio station manually.

INSTALLATION

INSTALLATION METHOD

This is an anti-theft installation method.
The main unit wears a METAL MOUNTING SLEEVE.
Please connect the wiring, eg, the Power Supply, the Speakers and the Antenna according to the requirements of this Instruction Manual, then install the metal mounting sleeve into the car as per the diagram illustrated below.

To boost up the capability of anti-jamming, please make sure fix tightly the metal support strap into the metal joint that connect to the chassis of the car.

METAL SUPPORT STRAP

DASHBOARD

METAL MOUNTING SLEEVE

UNIT CHASSIS

FIXED FACEPLATE

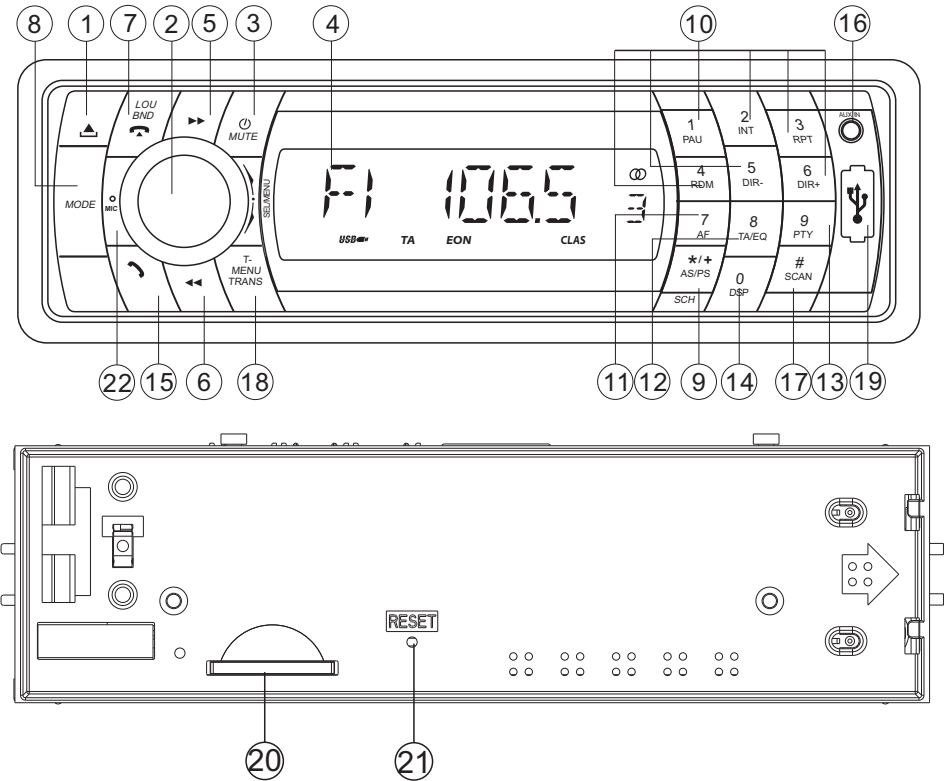
FRONT PANEL

PLASTIC TRIM RING

Bend the tabs on the metal mounting Sleeve against the DASHBOARD with a screwdriver

To remove the unit out of the metal mounting sleeve, insert the two supplied KEYS into the left and right side slots of the chassis at the same time. Then pull the chassis out of the metal mounting sleeve as shown in the right illustration.

LOCATION AND FUNCTION OF CONTROLS



1. OPEN BUTTON

To remove the front panel from the main body, press the ▲ button

2. SEL BUTTON (Select) AND VOL KNOB

a) Press the SEL button briefly, it is activated as selecting each mode of E. VOL.
->BAS ->TRE -> BAL-> FAD->TA VOL->BEEP(ON/OFF)->LOC(ON/OFF)->EON(ON/OFF) -> STEREO ->VOLUME
When selecting a desired audio mode, rotate the VOL knob to adjust the audio effect.

In each mode, the waiting time is about 5 seconds, and the time waiting time is over, it returns to the last display mode of tuner or CDP mode.

b) BEEP ON/BEEP OFF

BEEP ON mode: The beep is generated when any key is pressed.

BEEP OFF mode: The beep sound is disabled.

3. POWER ON/OFF

When the unit is power off, the unit comes to ON by pressing any button on the front panel (except the OPEN key). When the unit is power on, press and hold the power button, the unit goes into power off mode.

4. LCD Display

5&6. TUNE, SEEK, TRACK, SKIP UP / DOWN BUTTONS

a) During RADIO mode:

Press the >>| or |<< button longer 0.5 seconds to automatically tune up/down for the radio station frequency of strong signal. Press the >>| or |<< button for shortly, to manual tune up/down for the desired radio station frequency step by step.

b) During SD, USB playback mode:

Press the >>| button briefly to play next track.

Press the |<< button briefly to play the current track from the beginning of it if the playing time is more than 2 seconds.

Press the |<< button briefly to play the previous track if the playing time is less than 2 seconds.

Press the >>| or |<< button and hold to skip forwards or backwards, release to resume normal playback.

7. BAND BUTTON

During radio mode, press the BND button briefly to select the radio broadcasting band you would like to hear. The FM band is toggled cyclically through the tuning bands: ->FM 1-> FM 2 -> FM 3.

8. MODE BUTTON

Press the MODE button to change among tuner (radio), SD card (when an SD card is inserted), USB (when an USB stick is inserted) and AUX mode.

9. AS/PS BUTTON (Auto-storage /Preset scan)

During radio mode:

1) when long pressing for more than 1 seconds, the radio searches from the current frequency and checks the signal strength level until 6 stations are found. And then the 6 stations frequency are preset to the corresponding preset memory numbered bank. The auto-storage operation is implemented in the each selected band.

When the auto-storage operation is finished, the radio executes the Preset Scan.

2) when short pressing, the radio searches for each preset station in the current band and holds at that preset number for 5 seconds with releasing mute, and then search again.

for 2 seconds. it will show BOOK on the LCD. Then shortly press **T-MENU** button it will show items as below:

BOOK---RECEIVED---DIALED---MISSED---PHONE

In each item you can use **9/ ►►** button or **8/ ◄◄** button to check corresponding number. In the first time your mobile will receive a message that the unit will visit your mobile through Bluetooth. You have to agree and press "YES" to confirm.

(Note: It is necessary the phone number is in the phone not in the SIM card).

- **Call out**

- 1) **Making an outgoing call by inputting the phone number manually.**

Press **MODE** key it will show "PHONE" on the display. Short press  key. The LCD will become BLANK. Then you can enter phone number and press SEL key to confirm the dialing. (Note: If you inputted wrong numbers. You can press and hold **T-MENU** key to cancel wrong numbers.)

In front panel except there are 0~9 digit. please note */# as below:

*: press and hold 5 key for 2 seconds.

#: press and hold 6 key for 2 seconds.

- 2) **Redialing an outgoing call**

Press **MODE** key it will show "PHONE" on the display. Double press  key it will redial the last phone number.

- 3) **Making an outgoing call from the phone book / received / dialed / missed call (for Android and Iphone mobile)**

- Please reference page 15 "**Checking phone book / received / dialed / missed call**" item then select a phone number. Press  key to dial.

Note: If there are 2 pcs of SIM card in your mobile phone. When you dial out a call from the front panel of the unit. The call will be dialed out from the default card.

- **Transfer the call between mobile phone and unit**

During the talking mode, you can press **T-MENU** button to transfer the phone call between the mobile phone and the unit.

- **Bluetooth audio (A2DP function)**

Press **MODE** key it will show "PHONE" on the display. Then turn on the music player of your mobile phone and playing a song. The sound will come out from the speaker of the unit.

Press 1/PAU key of the front panel of the unit to pause/play the song. Press **►►** button or **◄◄** button to select next/previous song.

22. Mic BUTTON

BLUETOOTH OPERATION

• PRE-PAIR FOR BLUETOOTH OPERATION

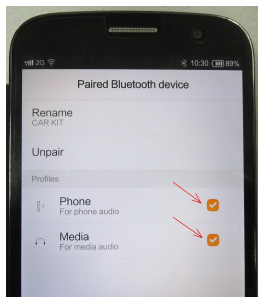
(i) When use Bluetooth, please make sure the mobile phone supports Bluetooth function.

(ii) For the different kind of mobile phone, Bluetooth emissive power has some difference. To get the best conversation quality, it is commended that the distance between the mobile phone and the unit is within 3m. And please don't put any metal object or any obstacle between the path of the mobile phone and the unit.

• PAIRING

- 1) On the mobile phone, select the Bluetooth set up. (Please refer to the instruction manual of your mobile phone on how to operate Bluetooth.)
- 2) "CAR KIT" should appear in the list on your mobile phone, please select "Car KIT", and then input "0000", If it needs a password.
- 3) When successful paired, the BT mark will be displayed on LCD.

Note: The BT link include two links: phone link and media link. You can check these links in your mobile phone. Click the setting of paired phone. You can see the "phone" link and "media" link item as below. You have to select them. If the "media" item was not selected then the A2DP function will be invalid.



• Answering / rejecting an incoming call

When there is a phone is coming in. Press  key to answer the call.

Press  key to reject the call.

• Hang up a call

When finished a conversation press  key to hang up this call.

• Checking phone book / received / dialed / missed call (for Android and Iphone mobile)

Press **MODE** key it will show "PHONE" on the display. press **T-MENU** button

During SD or USB mode, press the AS/PS button short, it is activated selecting song mode, and the TRK 000 (if the number of tracks is less than 100 and more than 9, it will be TRK 00) will be visible on the LCD display and the hundreds digit 0 that the MP3 disc, SD card or USB contains will flash.

It is possible to choose the track directly with the number PAD. For example for track 35, Press AS/PS, NUM --- will flash, so now press 3 and 5 buttons to select the track and press SEL to start playback.

10. PRESET STATION MEMORY AND PAU/1, INT, RPT, RDM BUTTONS

a) During radio mode:

Go to any preset station by pressing one of the 6 preset station buttons (1-6). If one of these buttons is pressed for more than 2 seconds, the station currently being listened to will be memorized into the selected preset button.

b) During SD or USB mode:

1) Press the PAU/ 1 button briefly to interrupt the playback of the SD or USB. Press again to resume normal playback of the SD or USB.

Press the PAU/1 button and hold for approximately 0.5 seconds to play the first track of the SD or USB.

2) Press the SCN button to sample the first 10 seconds part of each track, and the INT ON will be visible on the LCD display.

In the process of INT, press SCN button again to stop sampling and to continue playing the current track, and the LCD will display INT OFF.

3) Press the RPT button once to play the current track repeatedly, and the RPT ONE will be visible on the LCD display.

During SD or USB mode, press the RPT button twice continuously to play the current folder repeatedly, and the RPT ABM will be visible on the LCD display. In the process of RPT, press RPT button again to stop playing repeatedly mode and the LCD will display RPT OFF.

4) Press the RDM button to play all tracks on SD or USB in random order, and the RDM ON will be visible on the LCD display.

In the process of RDM, press RDM button again to stop playing in random order and the LCD will display RDM OFF.

c) During the normal playback of SD, USB:

Press the radio preset button 6 and 5 to move up and down 10 tracks at a time.

11. AF [ALTERNATIVE FREQUENCIES] BUTTON

When pressed short, AF switching mode is selected and the state of AF switching mode is displayed by AF segment in display.

Segment off: AF switching mode off.

Segment on: AF switching mode on, and has RDS information.

Segment flashing: AF switching mode on, but RDS information is not

received yet.

When AF switching mode is selected, the radio checks the signal strength of AF all the time. The interval of checking time of each AFs depends on the signal strength of current station, from a few minute for strong station to a few seconds for weak station. Every time that new AF is stronger than current station, it switches over to that frequency for very short time, and NEW FREQUENCY is displayed for 1-2 second. Because the mute time of AF switching or checking time is very short, it is almost inaudible in case of normal program.

During FM mode, when AF is on, SEEK, (SCAN), AUTO-MEMORY function can only receive and save RDS program.

When pressed long, AF mode is converted to REGION ON/OFF mode.

REGIONAL MODE ON:

AF switching or PI SEEK is implemented to the station which have all PI codes are same as current station. (PI CODE is checked when AF CHECK in progress)

REGIONAL MODE OFF:

The regional code in the format of PI code is ignored when AF switching or PI SEEK is implemented.

(PI CODE and COVERAGE AREA is not checked when AF CHECK in progress)

12. TA [TRAFFIC ANNOUNCEMENT] BUTTON

(1) When press the button, it is activated as TA mode on or off.

When TA mode is on (TA is displayed on LCD), it will begin to seek TA station and TA SEEK will be displayed on LCD for a while.

When traffic announcement is transmitted:

- 1) If the unit is in SD, USB or disc mode, it will switch to radio mode temporarily.
 - 2) Temporarily switch over to an EON linked station when EON detects a traffic announcement on that other program, and TP will be displayed on LCD
 - 3) If volume level is below 20, volume level is raised to 20, and returns to its previous mode and volume level when the traffic announcement is over.
- If volume is adjusted during traffic announcement, only the traffic announcement volume is valid.

* TA interruption function:

The current traffic announcement is cancelled by pressing this key. But the TA mode will not be off.

- * When TA is on, SEEK, (SCAN), AUTO MEMORY function can be received or saved only when traffic program identification code has been received.
- When TA is ON, traffic program identification code is not received during specified time.

(2) When pressed long, it is selected EONTA LOCAL/EONTA DISTANCE mode.

The purpose of this key is to reduce unwanted EON TA switching, which EON TA information was received from current station and the radio switched to that EON linked station, but no information could not be received because the EON linked station is located too far from that area. So the radio is switched back to current station again.

In above operation, a customer listen to a wrong program or mute sound for a while.

1) EONTA LOCAL mode:

When the filed strength level of EON linked is less than the threshold level, the radio does not switch that station, and a customer can hardly listen to any disturbances.

When EONTA LOCAL mode is selected, EONTA LO on numeric display is indicated for a few seconds.

2) EONTA DISTANCE mode:

EON TA switching is try to implemented by the information of current station.

When EONTA DISTANCE mode is selected, EONTA DX on numeric display is indicated for a few seconds.

EQ BUTTON

Press EQ button to turn on equalization function and to select desired audio mode:

→ FLAT→ POP→ ROCK→ CLAS→ EQ OFF

13. PTY (PROGRAM TYPE) BUTTON

Press it briefly and repeatedly to select one of the following mode:

POP M- - NEWS

While selecting PTY TYPE, its selection is implemented by preset buttons as described in preset key. (press one of the 6 preset buttons shortly and repeatedly to select the PTY TYPE in the preset button) When POP M or NEWS is on, the previous PTY program and PTY word is displayed on LCD. If there are no keys entered for 2 seconds, previously selected PTY is searched. During 1 loop, if desired PTY is not found, NO PTY is flashed, then return to previous normal radio and PTY icon goes off.

14. 0 DSP BUTTON

Press 0 DSP button to view all the current status.

15. BUTTON

pick up the phone

16. AUX INPUT JACK

Press the mode button to select auxiliary input playing mode. Then you can connect any matched external audio device to this socket. Use the volume knob to adjust volume.

17. # SCAN

Press #SCAN button (17) to enter scan mode, the unit will scan to higher frequency station and keep on each station for several seconds (the corresponding frequency will flash 5 times on LCD).

18. T-MENU TRANS

19. USB SOCKET

When needing to play the file in the USB stick, turn over the plastic cover cap then insert the USB stick into the USB socket. The system will change into the USB mode automatically, and then play the first file in the USB.

When no needing to do USB operation, please cover the plastic cover cap.

20. SD CARD SLOT

When you need to play the file in the SD card, insert the SD card into the card slot. The system will change into the SD mode automatically, and then play the first file in the SD.

Note:

When SD card and USB stick are both inserted into their slot or socket, the system will change into the USB mode automatically.

21. RESET BUTTON

Before operating the unit for the first time, or after replacing the car battery or changing the connections. You must reset the unit.

Press this button with a cuspidal object. This operation will erase the clock setting and some stored contents.