

# INSTRUCTION MANUAL

## Universal Car Radio MP3 Player

**JSD-520**

### SPECIFICATIONS

#### FM TUNER

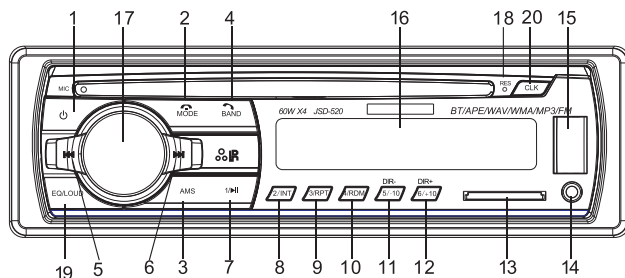
Frequency Range	87.5~108.0MHz
Sensitivity	12dB $\mu$ V
I.F. Frequency	10.7MHz
Frequency Response	40Hz~15KHz( $\pm 3$ dB)
Stereo Separation	> 28dB
S/N Ratio	> 50dB

#### GENERAL

Power Supply Voltage	12V DC, Negative Ground
Max Current Consumption	15A
Max Output Power	4x60W



## OPERATION MANUAL



### LOCATION OF CONTROL

1. Power ON/OFF
2. Function Selector (radio/usb/sd/aux-in/bt) & End call
3. Auto Seek Search Tuning (AMS)
4. Band Button (FM1-FM2-FM3) & Answer call
- 5./6. Track Skip/ Search Forward/ Backward , Manual Auto Search Radio
7. Memory Station 1~6 for Radio and Play/pause Function for MP3/WMA
8. Intro Function for MP3/WMA
9. Repeat Function for MP3/WMA
10. Random Function for MP3/WMA
11. -10 Function for MP3/WMA
12. +10 Function for MP3/WMA
13. SD Card Slot
14. Aux In Jack
15. USB Port
16. LCD Display
17. Volume / Select Control
18. Reset Button
19. EQ Button
20. CLK Button

Bluetooth: Search for Bluetooth devices on your phone. Pair to device using the password "0000". Some phone automatically connect to the search.

## OPERATING INSTRUCTIONS

### 1. POWER ON/OFF

Short press turn on, long press three seconds turn off.

### 2. MODE--FUNCTION SELECTOR

Push this button repeatedly and the lcd will display the following sequence: RADIO → USB → SD → AUX-IN → BT. In bluetooth mode, short press to end call.

### 3. AUTO SEEK SEARCH TUNING (AMS)

In radio mode, short press for the browser, long press to automatically save the station.

In playback mode, the function is to choose the song.

### 4. BAND BUTTON

In radio mode, each band is toggled cyclicly by pressing the key FM1-FM2-FM3.

In bluetooth mode, short press to answer call.

### 5./6. ◀▶/▶▶/▶▶▶▶ BUTTON

Track skip in MP3 player mode (usb/sd/mmc) / radio search; Press the button during playback to go to the desired track; Press to search to the desired radio station.

### 7. 1/▶▶▶▶ BUTTON

Memory station 1-6 for radio control the playback of your music coming through the usb or sd/mmc external device by pressing once to start playback. During "play" repress the button to pause playback. Press the button once more to resume play.

### 8. 2/INT BUTTON

When this button is pressed, 'INT' indication is displayed and the first several seconds of each track is played. Press again to stop intro and listen to track.

### 9. 3/RPT BUTTON

When this button is pressed, 'RPT' indication is displayed and the selected track will be continually repeated until the track repeat mode is cancelled by pressing the 'RPT' button again.

### 10. 4/RDM BUTTON

When this button is pressed, 'RDM' indication is displayed and the tracks are played in random instead of normal progression. To cancel random mode, press the 'RDM' button again.

### 11. 5/-10 BUTTON

In playback mode, short press to -10, long press to choose a folder.

### 12. 6/+10 button

In playback mode, short press to +10, long press to choose a folder.

### 13. SD CARD SLOT

Insert the SD/MMC card in the slot by pushing it gently inward. Select SD with the mode selector. The music starts to play automatically. \* Support music file format: MP3,WMA .

### 14. AUX IN JACK

Insert your portable player into the jack, in any playing mode, audio will come through the car speaker.

### 15. USB PORT

Use a usb cable (not included) if necessary, to connect your portable mp3 player.

### 16. LCD DISPLAY

The LCD display show the actual reception and function.

### 17. VOLUME / SELECT CONTROL

Rotate the volume knob to control the volume. To select other function, Press the select button shortly until the desired function is shown on the display. \* volume (rotate knob) → select (push down) → bass → treble balance → fader → loud → EQ (flat-pop-classic-rock)

### 18. RESET BUTTON

Restore factory defaults.

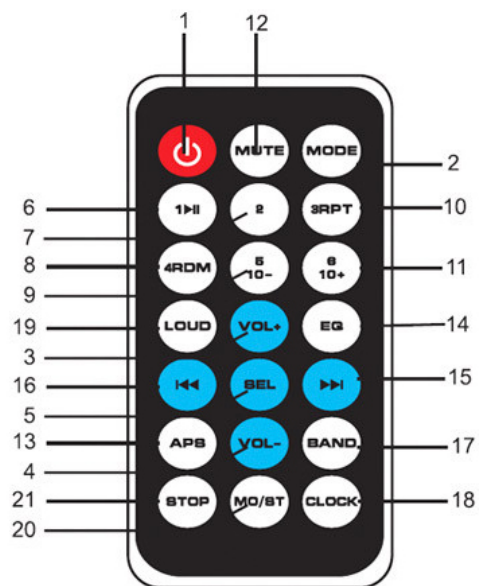
### 19. EQ & LOUD BUTTON

EQ (flat-pop-classic-rock); Loudness ON/OFF

### 20. CLK BUTTON

Electronic clock button.

## Remote Function Description



1. The power switch
2. Mode conversion
3. Volume increase
4. Volume reduction
5. Multi functional selection Key
- 6, 7, 8, 9, 10, 11: digital key
12. Mute function
13. Search for stations a APS
14. Sound settings DSP
15. Scan feature selections
16. Scan feature selections
17. Band conversion BAND
18. Clock disp
19. Equal loudness
20. Mono&Stereo
21. Stop play