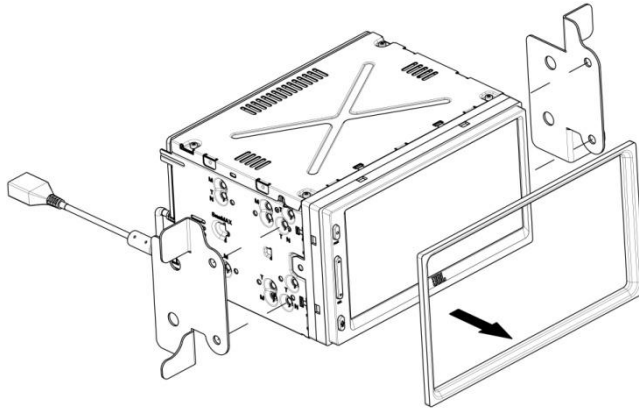


JBL Legend CP100
User manual – Draft 0.2
08.03.2015

This guide is intended to introduce you to the basic functions of the JBL Legend CP100 smartphone receiver.

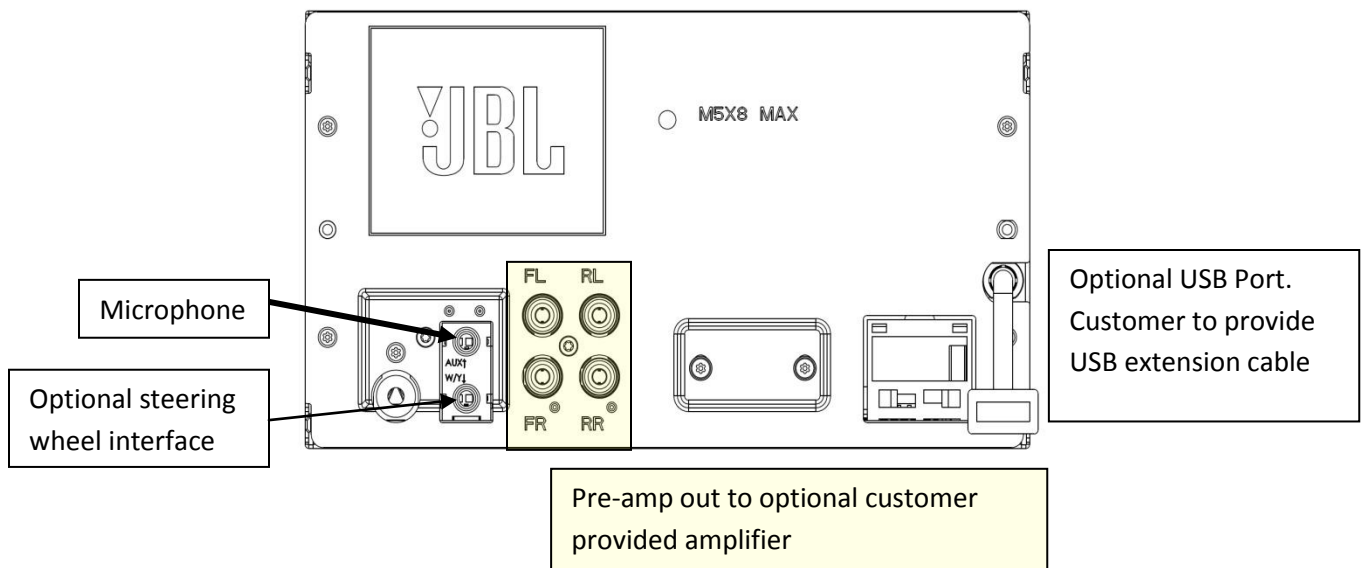
The user is responsible for any cellular voice, data, and application fees that may occur.

Installation



Brackets and faceplate are vehicle specific and are customer provided

Connections



Microphone

Optional steering wheel interface

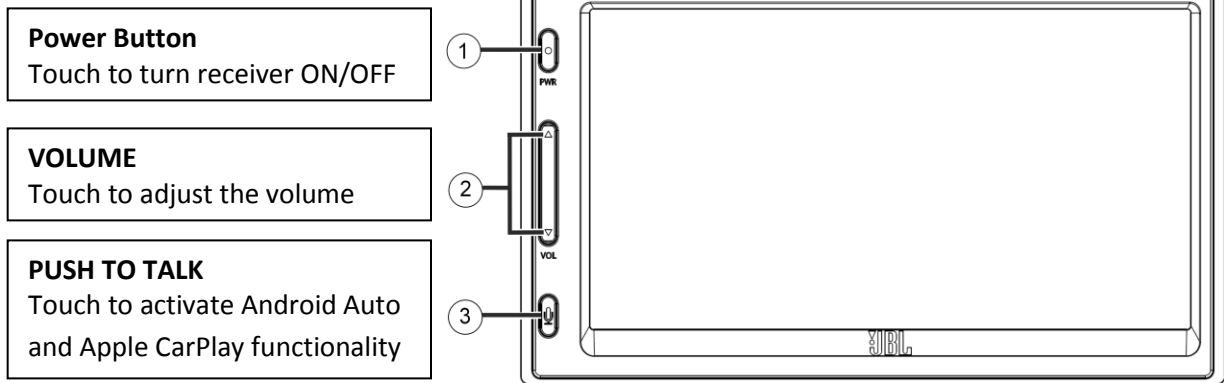
Pre-amp out to optional customer provided amplifier

Optional USB Port.
Customer to provide
USB extension cable

Connector

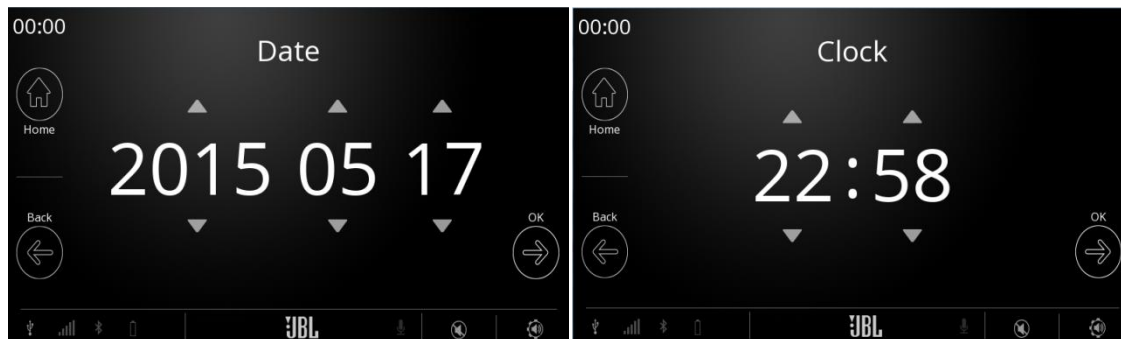
Reverse	Purple / white	Parking Brake	Green
Front Left +	White	Front right +	Grey
Front Left -	White / black	Front Right -	Grey/black
Rear left +	Dark green	Rear Right +	Purple
Rear left -	Green / black	Rear right -	Purple/black
Optional rear camera	RCA		
12v out	Yellow/black	ACC	Red
+ Battery	Yellow	GND	Black

Buttons

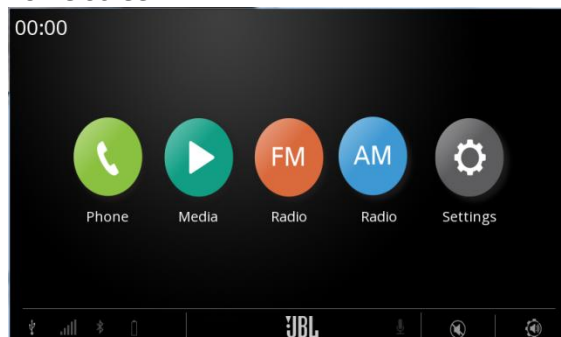


Initial Power Up

Initial installation and disconnecting 12v will require user to reprogram date and clock



Home Screen

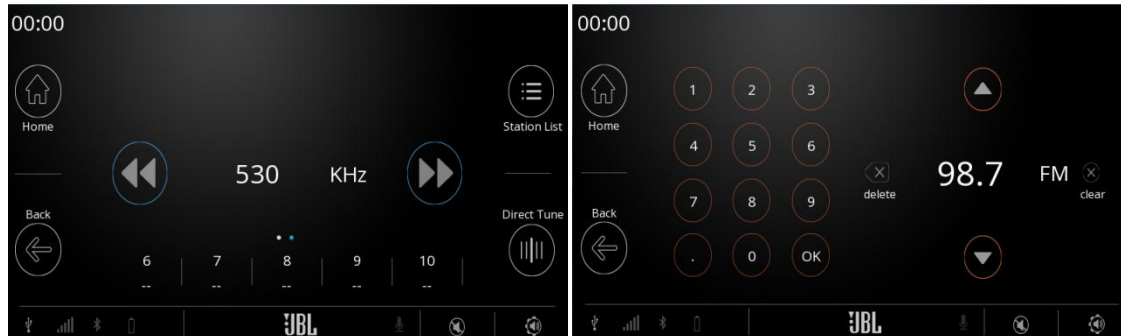


Select:

- Phone** – make and receive phone calls
- Media** – Play MP3, Apple CarPlay, Android Auto (when appropriate device connected)
- FM** – Listen to FM
- AM** – Listen to AM
- Setting** – change clock, select language, version #

AM/ FM Radio

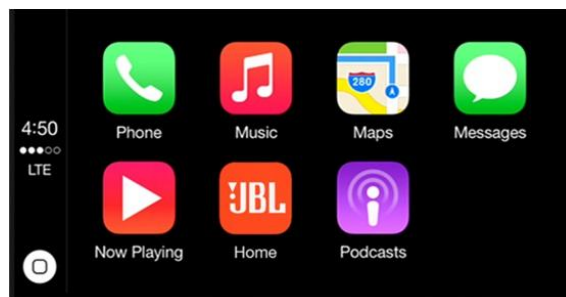
Radio functions include direct tuner, station list (auto scan of stations in the area) and manual search. Press the double arrow key once to move up or down to the next station, hold the double arrow key to seek to the next station



There are 10 presets available. To set a preset, tune to the desired station and press and hold the preset button at the bottom of the screen until the station frequency appears.

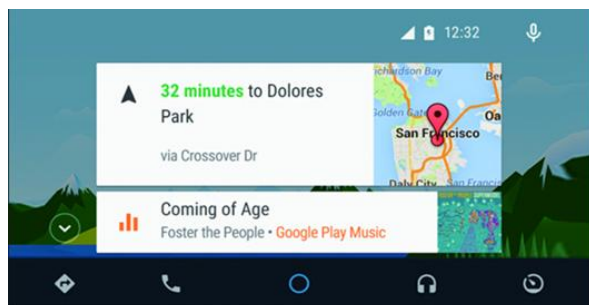
Using Apple CarPlay

To use Apple CarPlay, plug in a supporting Apple device and choose CarPlay button. Apple currently supports iPhone 5 and iPhone 6 devices. Choose the JBL icon to return to the Home screen.



Using Android Auto

To use android Auto, plug in a supporting android device and choose the Android Auto button. This feature may require download of Android Auto from the Play Store.



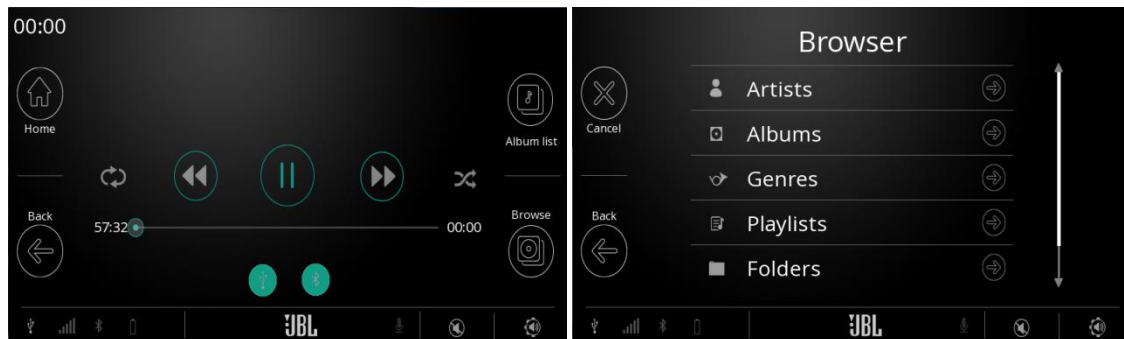
Hands-free Calling

Bluetooth conductivity is not available when Apple CarPlay or Android Auto is on. To connect your phone to Bluetooth press the Phone button and then choose YES. Enter the pairing screen on your phone and the choose CP100. Use the on screen dialer or choose from contacts to make outgoing calls.



Playing Music

MP3 music can be played by inserting USB device into the USB port and choosing the MEDIA button. Songs can be selected through a variety of choices.



Settings

Choose SETTING to change languages, day/night mode, change date/time, view firmware information and to connect to BT devices.



Technical Specifications:

Display	
Screen Size	6.75"
LCD Type	TFT active matrix
Pixels	1,152,000 (800 x 480 x 3 (RGB))
Illumination	LED

General	
Power Requirement	14.4V DC 9 – 16 V allowable
Operating Temperature	-20C to +85C (-4F to 185F)
Power Output	20 W RMS x 4
Primary amplifier ratings per CEA-2006 standard	
Power output: measured at 4 Ohms and < 1 % THD+N	
S/N: 107 dba (reference: 1W into 4 Ohms)	
Audio Output Level	
Preout (front, rear)	2V/10k ohms (max)
Preout (subwoofer)	2V/10k ohms (max)
Rear View Camera	Composite video

Chassis	
Width	178 mm (7")
Height	100 mm (3.94")
Depth	142 mm (5.6")
Weight	1.5 kg (3.3 lbs)

FM Tuner	
Frequency range	87.7 – 107.9 MHz
Sensitivity	11 dBf (0.8 uV/75 ohms)
Signal-to-Noise Ratio	60 dB

AM Tuner	
Tuning	530 – 1,170 kHz
Sensitivity	25 uV /20 dB

USB	
USB Standard	USB 1.1/2.0
Max Current Supply	1.0 A
USB Class	MSC (Mass Storage Class)
File System	FAT 16/32, NTFS
File Playback	MP3

Bluetooth	
Version	Bluetooth 3.0
Output Power	+4 dBm Max. (Power class 2)

Compliance Information

Notice for the USA

Warning: You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.