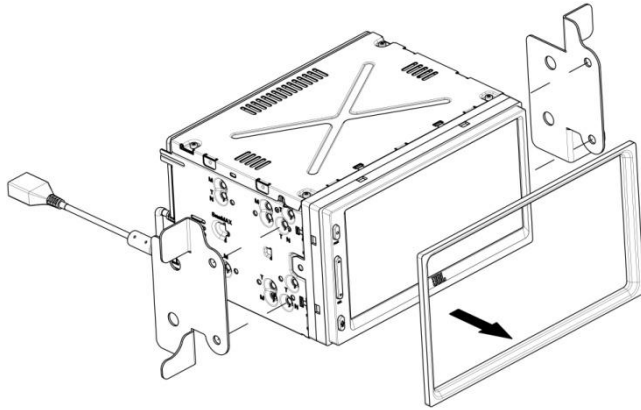**JBL Legend CP100**
User manual – Draft 0.2
08.03.2015

This guide is intended to introduce you to the basic functions of the JBL Legend CP100 smartphone receiver.
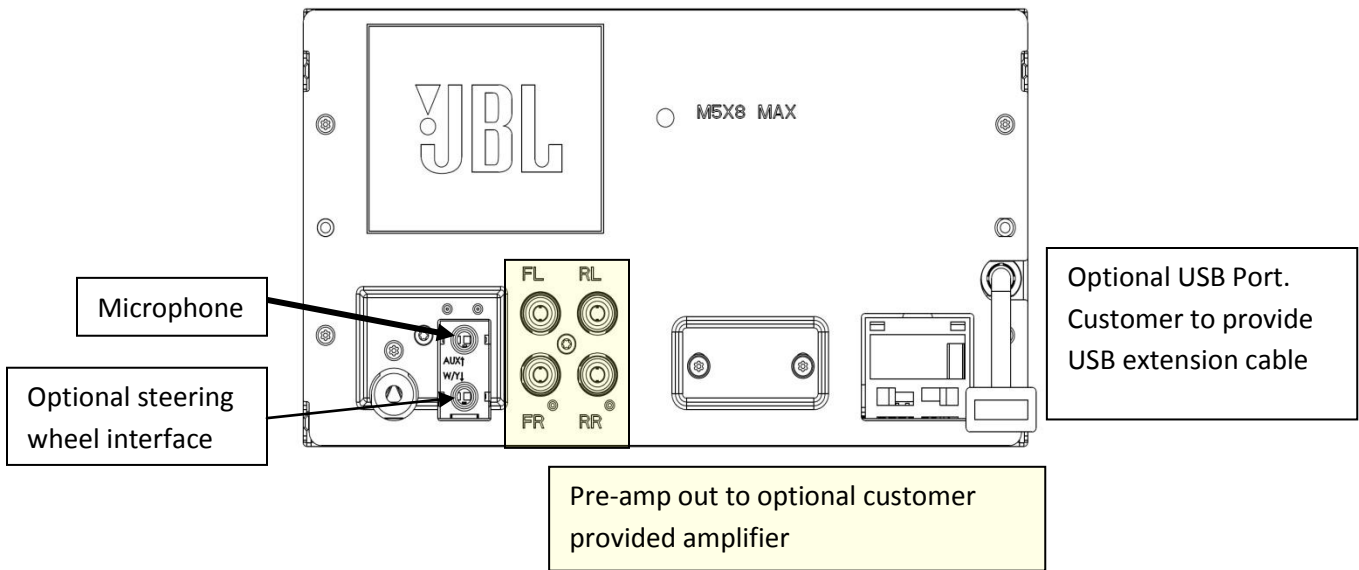
The user is responsible for any cellular voice, data, and application fees that may occur.

Installation

Brackets and faceplate are vehicle specific and are customer provided
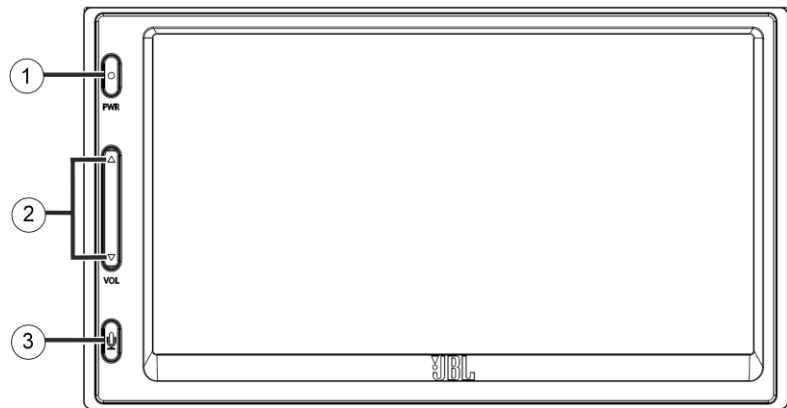
Connections

Microphone

Optional steering wheel interface

Optional USB Port. Customer to provide USB extension cable

Pre-amp out to optional customer provided amplifier

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

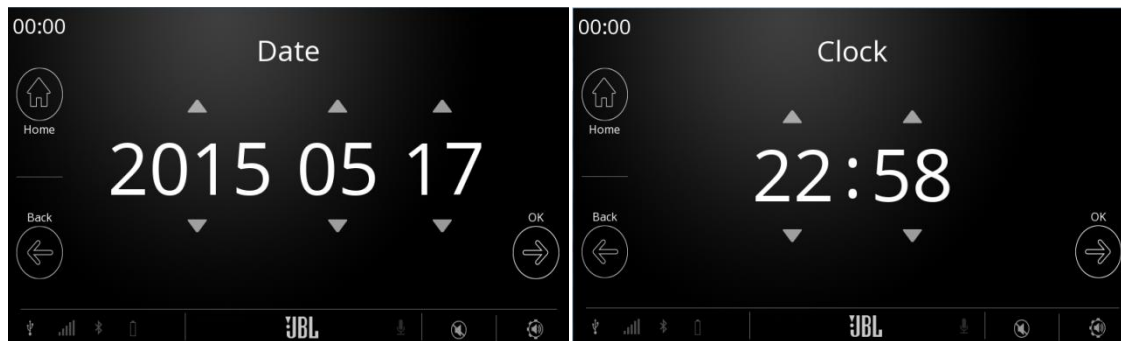|	
Power Button Touch to turn receiver ON/OFF	①
VOLUME Touch to adjust the volume	②
PUSH TO TALK Touch to activate Android Auto and Apple CarPlay functionality	③

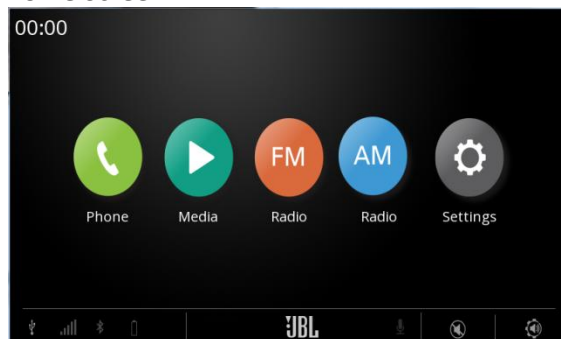**Initial Power Up**

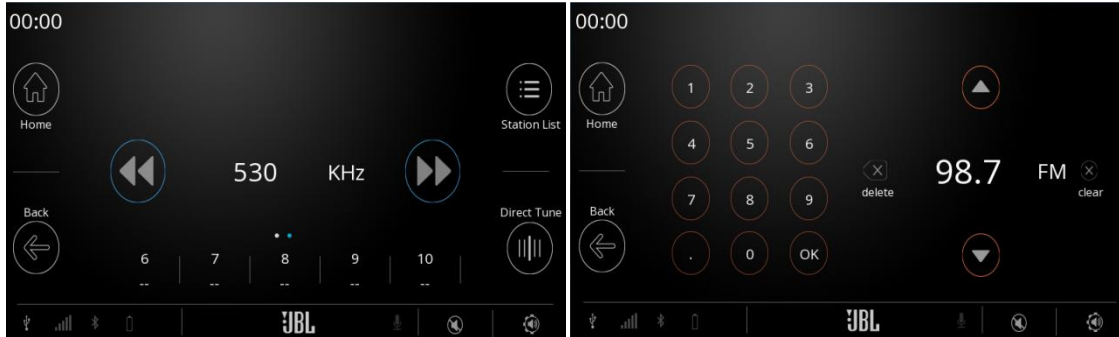Initial installation and disconnecting 12v will require user to reprogram date and clock

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
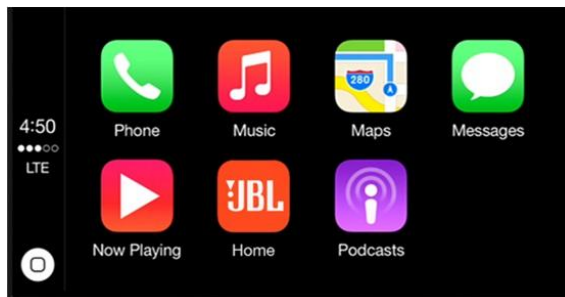**Setting** – change clock, select language, version #

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
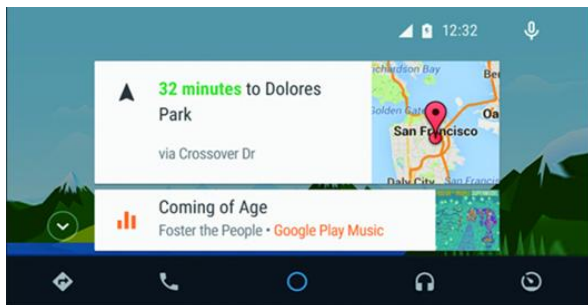button at the bottom of the screen until the station frequency appears.

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
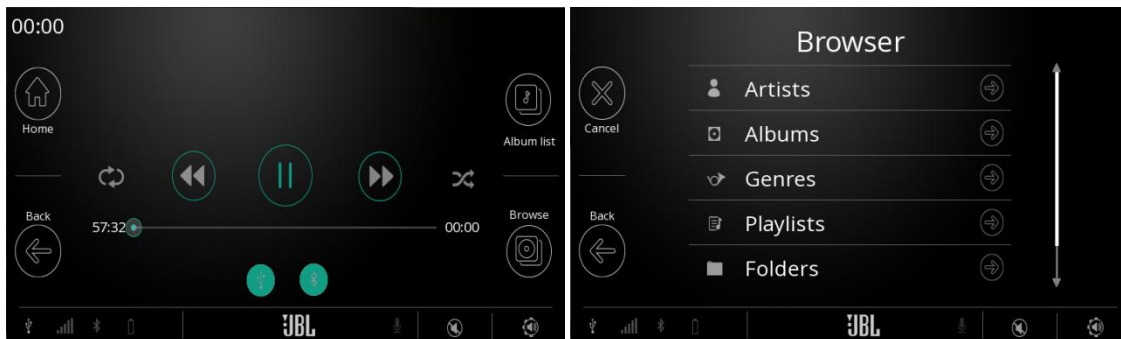feature may require download of Android Auto from the Play Store.

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.

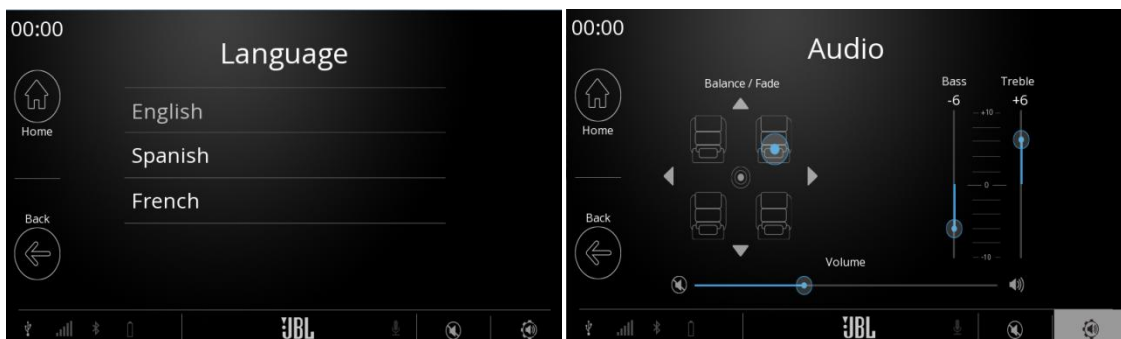**Playing Music**

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.