



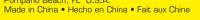
USER MANUAL QUICK INSTALLATION GUIDE

BLUETOOTH®MARINE GAUGE DIGITAL MEDIA AM/FM RECEIVER

Charging only. Not for mobile device playback. IPX6-Protected against high pressure water stream from any angle. It is not intended to be submersed completely in water.

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SEACHOICE PRODUCTS Pompano Beach, FL U.S.A.





SEACHOICE PRODUCTS

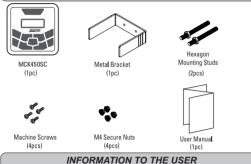
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Thank you for purchasing this



MCK450SC Bluetooth Marine Gauge Digital Media AM/FM Receiver Please read thorough these instructions carefully so you will know how to operate your model properly. After you have finished reading the instructions, keep this document in a safe place for future reference.

THIS PACKAGE CONTAINS



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FCC COMPLIANCE STATEMENT

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter. The Bluetooth antenna cannot be removed (or replaced) by user. This equipment complies with FCC/ IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20 cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles). Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

 Relocate or reorient the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.

!! WARNING !! ADJUSTMENT OR ALTERATIONS OF THIS DEVICE MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

IMPORTANT SAFETY PRECAUTIONS

BE SURE TO OBSERVE THE FOLLOWING GUIDELINES:

· Do not turn up the volume so high that you can't hear what's around you.

· Use caution or temporarily discontinue use in potentially hazardous situations.

 Do not operate mobile video equipment while driving a motorized vehicle - safe driving and safety consideration of others should always be your highest priority.

 Set your volume control at a low setting, then slowly increase the sound until you can hear it comfortably without distortion, or ear discomfort

 In the event you should notice smoke, strange noises or odor from this product, or any other abnormal signs, immediately turn off the power and consult your dealer or the nearest authorized SEACHOICE Service Center Using this product in this condition may result in permanent damage to the system.

- Hole Saw

- Crimp Tool

2

BEFORE YOU START

INSTALLATION PRECAUTIONS

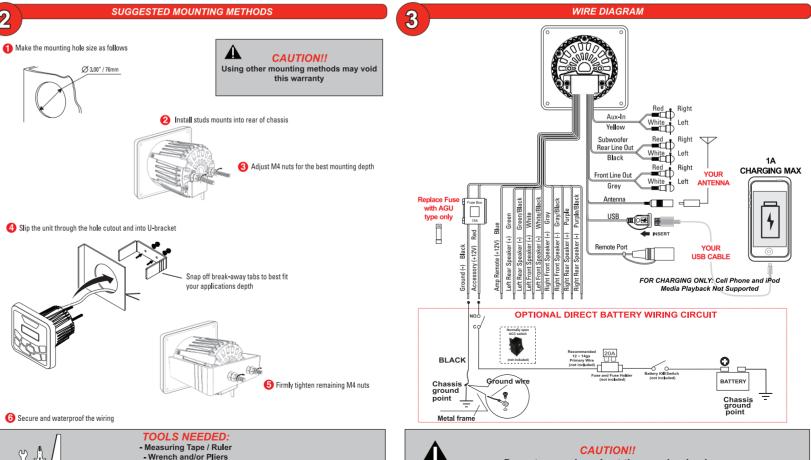
Always consult with a professional installer

· Professional installation recommended. Do not attempt to service this product by yourself.

· Servicing of this product by persons without professional training and experience in electronic equipment and motorized vehicle accessories may be dangerous and could expose you to the risk of electric shock, injury or other hazards.

• The MCK450SC should be wired directly to a vehicles battery When wiring directly to the vehicles battery, be sure to disconnect the batteries negative terminal wire before starting any wiring procedures, if extending the main power primary wire, it is suggested that an optional fuse and fuse holder (not included) with minimum rating of 20 Amperes be in-line with the positive battery terminal

. The ground cable length should be as short as possible, if extending from you battery, be sure to use a proper gauge rating for the length of the run, use only high quality copper primary type wire The MCK450SChas a IPX6 weather resistant design, it should not be submerged in or under water under any circumstances . Do not use abrasive cleaning materials on the lens or bezel · Use only the installation parts provided with the MCK450SC







To avoid potential shorts in the electrical system, be sure to disconnect the (-) battery cable before installation. Use this unit with a 12-Volt battery and negative grounding only. Failure to do so may result in a fire or malfunction



CAUTION When replacing the fuse, be sure to only use a fuse of the rating specified on this product. To avoid short-circuiting, cover any disconnected leads with insulating tape. It is specially impor-

tant to insulate any unused wires, which if left uncovered may cause a short circuit. When connecting other devices to this product, refer to the manual for the product to be connected. The black cable is ground, make sure to connect the ground wire first.

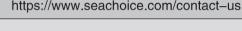
Ensure that the ground cable is properly connected to metal parts of the vehicles body frame or direct to the battery if your vehicle does not have a grounded chassis frame. The ground cable of this units power amp and a second powered system must be connected to the frame separately with different screws. If the screw for the ground wire loosens or falls out, it could result in fire or malfunction.

Do not ground or short the speaker leads

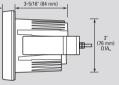
TROUBLESHOOTING GUIDE

TROUBLE	CAUSE	SOLUTION
	The fuse is blown	Check / replace the fuse
Unit will not turn on	Ignition not engaged	Turn ignition to on position
	Blown speaker	Replace faulty speaker
	Volume is low / muted	Press the volume level up
No sound is heard	Device is paused or muted	Check your devices playing / volume status
	The Bluetooth function of the device is not enabled	Refer to the user manual of the device for how to enable the Bluetooth function
Cannot pair Bluetooth	The MCK450SC BT memory is full	Follow how to reconnect a device in section E
The audio quality is poor after connection with a Bluetooth enabled device	The Bluetooth reception is poor	Move the device closer to the audio system or remove any obstacle between the device and the systems antenna
	Power glitch or interference	Disconnect power for 10 seconds to reset
Unit has become	Low battery power	Charge battery, run the engine to recharge the battery
unresponsive	Reset the main system	Follow steps in section B

TECHNICAL SUPPORT







SPECIFICATIONS MOSFET

INTEGRATED AMPLIFIER

(All channels driven)

Channels: 4

Class: AB

MAX Continuous Output: 240W

Frequency Response: 20-20kHz

PEAK Power Rating: 60W / channel

M TUNER FREQUENCY RANGE

- USA 87.5~107.9MHz
- Europe 87.5~108MHz
- Asia 87.5~108MHz
- Australia 87.5~108MHz
- Usable Sensitivity: 12dB (S/N=30dB)
- Bands: 2

AM TUNER FREQUENCY RANGE

- USA 530~1710KHz
- Europe 522~1620KHz
- Asia 522~1620KHz
- Australia 522~1620KHz
- Usable Sensitivity: 40dB (S/N=20dB
- Bands: 1

VEATHER BAND SELECTION CH.1 162.400MHz

- CH.2 162.425MHz
- CH 3 162 450MH
- CH 4 162 475MHz
- CH 5 162 500MHz
- CH 6 162 525MHz
- CH.7 162.550MHz
- Bands: 1

BT: 3.0

- BT Range: 33Ft / 10M (Class 2)
- BT Profiles: A2DP / AVRCP 1.3

USB DRIVE MEDIA SUPPORTED

- MP3
- WMA
- 65,000 Songs
- 32GB / FAT 32
- USB 2.0 High Speed
- USB Output Voltage: 5VDC @ 1A

Specifications subject to change without notice

QUICK START GUIDE

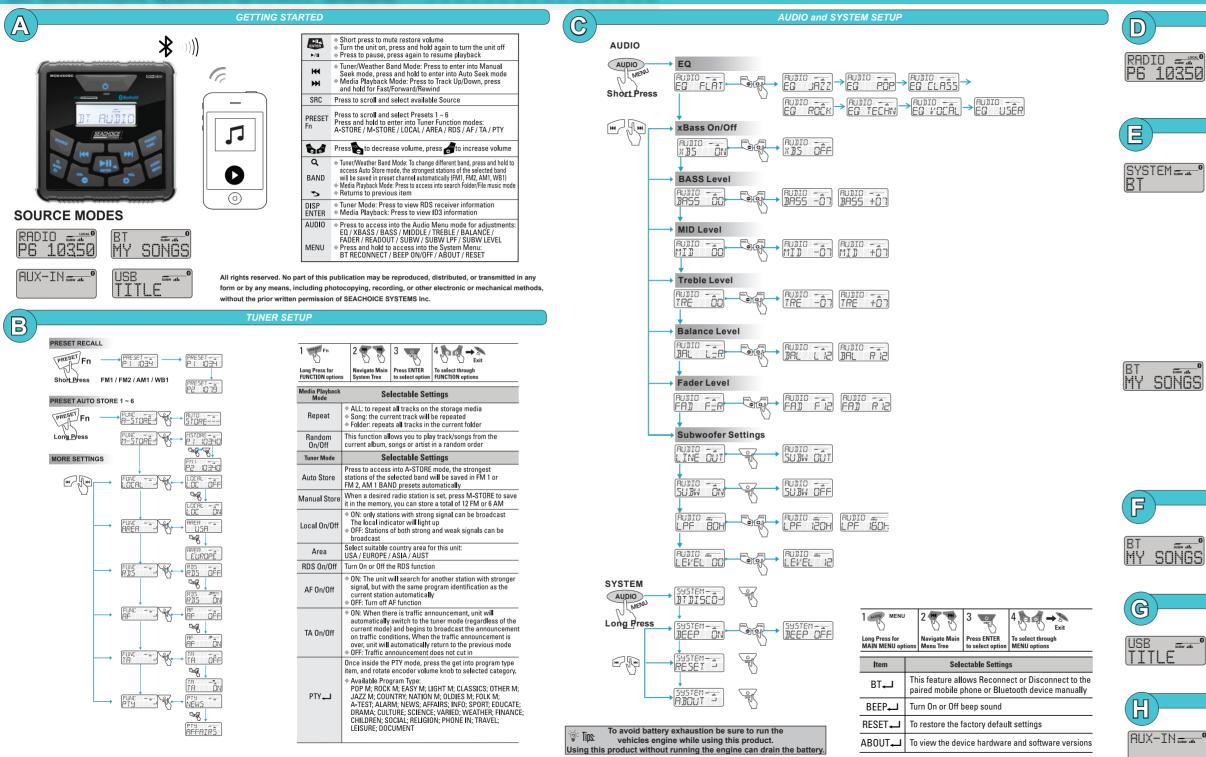
- 4Ω stable CHASSIS
 - Button Backlight Illumination: BLUE LED
 - F/R/S RCA Preamp Output: 2VRMS
 - RCA Input Impedance: 10kΩ LCD: TN Type / Active Matrix

GENERAL

- Power Source: 14.4VDC
- (10.8V ~ 16V allowable)
- Grounding System: Negative type
- Maximum Current Consumption: 15A
- 3-way protection circuitry (thermal,
- overload, and speaker short protection)
- Unit Weight: 1.08lbs / 0.52kg
- Storage Temperature:
- -22°F to 176°F / -30°C to 80°C
- Operation Temperature:
- -4°F to 158°F / -20°C to 70°C
- Replacement Fuse: 15A

(Replace with AGU Fuse Type Only)

OPERATION QUICK START GUIDE



RADIO OPERATION

- 1) Press the SRC button to select RADIO
- 2) Press ►/II to MUTE, press again to UNMUTE
- 3) To advance stations press
- 4) To skip previous stations press
- 5) Press the button to display RADIO information
- 6) Press the PRESET button to recall PRESETS 1 ~ 6

BLUETOOTH OPERATION

PAIRING & DISCOVERING A NEW BLUETOOTH CONNECTION

Note: The mobile device must be within 33ft (10m) of the MCK450SC for Bluetooth to function properly.

1) Power on the MCK450SC by pressing and holding down the Power 📽 button for 1 second, the Bluetooth ICON will start to flash signalling that the MCK450SC is now ready for Bluetooth pairing.

NOTE: You have 2 minutes before you must restart this procedure over again.

2) Now that the MCK450SC is in pairing mode:

ANDROID users:

- a. Go into the Settings Menu of your ANDROID device
- b. Enter the Bluetooth Menu and press SCAN
- c. "SEACHOICE MCK450SC" will now be display under AVAILABLE DEVICES
- d. If prompted, enter passcode: "0000"

iOS users:

- a. Go into the Settings Menu of your iOS device
- b. Enter the Bluetooth Menu
- c. "SEACHOICE MCK450SC" will now be displayed
- d. If prompted, enter passcode: "0000"
- 3) If the MCK450SC is not seen, repeat the above steps to refresh the "Device List"

4) When the BT connection is successful you will see BT CONNECTED message on the MCK450SC LCD display, you are now ready to stream music from your devices favorite media player to the MCK450SC

RECONNECTION

1) Power on the MCK450SC and your last paired device Bluetooth

2) The unit will now automatically be reconnected

- 3) If your device was previously paired with the MCK450SC, but it wasn't the last paired device:
 - a. Ensure no other devices are currently paired
 - b. Press and hold MENU button to manually connect / reconnect to the MCK450SC

4) If the device is out of range from the MCK450SC, it will disconnect automatically:

5)The MCK450SC will reconnect to the device once in range, a confirmation message will be displayed on the LCD

BLUETOOTH STREAMING MUSIC

1) Press the SRC button to select BT AUDIO

2) Press ▶/ II to start PLAY, press again to PAUSE

3) To skip songs or advance tracks press M, press and hold to FAST FORWARD

4) To select the previous track press the button K, press and hold to FAST REWIND

5) Press the button to display song ID3 information

USB OPERATION

1) Press the SRC button to select USB

Press ►/II to start PLAY, press again to PAUSE

3) To skip songs or advance tracks press M, press and hold to FAST FORWARD

4) To select the previous track press K , press and hold to FAST REWIND

5) Press the button to display song ID3 information

AUX-INPUT

1) Press the SRC button to select AUX IN

2) Press enter to MUTE, press again to UNMUTE



Ensure to adjust the level of your devices master volume to 75%



