

**VERY IMPORTANT, PLEASE READ THESE INSTRUCTIONS ENTIRELY BEFORE YOU BEGIN YOUR INSTALLATION. VERY IMPORTANT, VERY IMPORTANT!!!**

Remove and identify all parts. 1. Battery power cord. 2. Black round wired remote with 5' cord. 3. Two speakers. 4. Plastic bags with 2 flat speaker brackets with 8 small screws and chrome Z bracket. Optional two 1 inch or 1 1/4 inch handle bar brackets. Two 6 foot inline speaker pig tails. Two 1 1/4inch x 5/16 bolts with washers and nuts.

Examine that the 2 brass legs inside each plastic female connector on the speaker wires and the 2 brass legs on the radio's female connector coming from the radio itself are centered. The brass legs must be centered to the left and right of center as they need to align with the male wires once you insert the male connector into the female portion, you may use a small screw driver to position them so that they are properly aligned to receive the male connector.

If you did not order handlebar brackets, you may call our office to order them at 218 236 7943 or use Kuryakyn part #1420 for the 1 inch or part #1468 for the chubby 1 1/4 inch brackets.

**IMPORTANT;** The radio itself is not waterproof and **MUST** be protected by inserting it into a windshield or front fork bag or saddlebags. If saddlebag installation you will use the 2 six foot speaker pigtails, again, check those brass legs on the female end connector. When using a windshield bag, simply make a cut into the bottom of the bag and insert the wires from the bottom up and then connect to the radio.

1. Locate the battery and attached the power cord. On all Harley Davidson bikes and those bikes that have a chrome or leather piece going up the fuel tank on the top side usually where the on off switch is located is ideal to hide your battery power wire as on many bikes the battery is located under or near the seat and when you place the wire under the chrome about 4.5 inch wide tank cover the wire will drop out directly under your windshield bag, for those that do not have this tank cover, simply route the wire under the tank and forward unless you're putting your radio in the saddlebags. The power cord must be attached to the battery; battery tender wires do not work. Your radio will always have power and you will need to unplug the power cord up by the radio itself if you do not plan to ride for 4 days or more as the wireless remote receiver inside the radio is alive 24/7, there is no way to disconnect the wireless receiver inside the radio. The radio has a built in surge protector an inline fuse may be added. You can install an inline on/off switch. During our installation at rallies, we do not install an inline fuse.

2. Locate and install your speakers, use a short handled screwdriver that you can use your hand palm for downward pressure to screw and insert the 8 little screws. You must make a left and right hand speaker by having the flat speaker bracket going left on one and right on the other. Loosely attach the handlebar brackets and insert the bolt from the bottom up through the bracket, then attach the speaker with flat bracket next by the washer and then the nut. Position the speakers and tighten brackets and speakers. The speakers can be arranged so that they are on the back side or the front side of the handlebars, your application will define your need.

3. Locate the black wired remote, remove the first brass nut, insert the Z bracket and replace the nut to sandwich the Z bracket between the 2 brass nuts and hand tighten only, do not use a wrench to tighten. On all Harley bikes you can remove the top right hand bolt on the hand brake cluster and by holding the Z bracket straight up and down, reuse the same bolt you removed and tighten and the bracket will pull into the bolt concave, on many other bikes the same top right hand bolt fits flush and also holds the Z bracket in place. You may customize your Z bracket install by using other existing bolts on the handlebar tree or even straighten the bracket and use a speaker bracket bolt by removing the washer then reinstall the nut.

4. **TESTING YOUR RADIO.** With all nuts and bolts tightened, the wired remote inserted into the back side of the radio, all power and speaker wires connected touch and release quickly the center button on the black round remote control, this button will be used to turn on your radio and forward to all functions and turn the unit off. PATIENCE is needed; the radio can play 4 features, the computer inside the radio needs about 3 seconds to determine your requested feature. the radios 1st feature is the USB function, if you have a flash drive/music stick/memory stick inserted, the red light on the control will start to blink indicating its playing and will come on at about 10% of the volume, to increase the volume, again, quickly touch the top right hand + button and release, never hold any button longer then a short second, each time you push the button, the volume will increase in increments, the top left - button will decrease the volume. The USB will only play a flash drive/music stick. Use

the AUX function 3.5 hole located at the back side of the radio for all others sources of entertainment, Ipod, phone, MP3, etc. All items will use a 3.5 cord inserted in the rear of the radio marked (AUX). If you have no flash drive inserted, the radio will automatically locate the 2nd feature, the SD drive and if a memory card is inserted that has been down loaded with MP3 format, it will play, if no memory card is inserted then the radio will automatically move over to the 3rd function, the AUX function and 2 red lights will glow and if your Ipod/phone/MP3 etc is plugged in and turned on to full volume, the radio will play that mode. If the radio cannot find a flash drive, memory card or Ipod inserted in, both red lights will glow and you will need to push the center button to move the function to the 4th mode, the FM mode and the FM light will glow. On the USB, the SD and the FM mode the red light will be blinking when playing, solid when on pause or mute. On the USB flash drive and SD memory card, you can move the songs forward or backward by using the two buttons that show arrow forward or arrow showing backward, these buttons are located at about 5 and 7 o'clock, REMEMBER, allocate at least 1 second for each feature to come on after your requested change, to rush the radio will cause it to LOCK UP, read trouble shooting section to correct. The top right hand red light indicates you're playing a function that needs to be MP3 format thus the words MP3 are printed on the black remote. Your radio has 2 antennas, the longer of the 2 is for your FM reception, and the shorter antenna is for the wireless remote signal. If your radio is in a windshield bag, simply expose the antenna between the windshield and the windshield bag, if using your saddlebags, have the antenna going backward so the wind blows past it and never cover the radio itself, it must be the top item and not covered so it has air flow. Some radios will get very warm, almost near hot, not to worry. If for some reason you have no sound, please refer to trouble shooting section.

5. How to use the hand held wireless remote: Press the top left button to turn on and off. The radio will seek the USB, if nothing inserted it will automatically move to the SD selection, again, if nothing is located it will move to the two red lights which would be your (AUX) mode for MP3/Ipod/Phone/etc. If none are inserted into the rear AUX input then the 2 red lights will be on and you again hit the top left button to move to the FM mode, when finished, hit the top left button again to turn off the radio. The wireless remote has a button pointing to the right, this will move your songs on your USB port and your SD port to the next song, the button pointing to the left will return you to the last song. NOTE; these 2 buttons are also used to move your FM channels forward or backward. All items plugged into the AUX mode cannot be changed by your radio; you must change those selections by manual use of the item you're playing. When seeking FM channels, wait a second between channel selections as your radio has a power boost search seeking FM channels far out and requires a moment of search time. The top right hand button will mute and pause your function selection.

6. USE OF A MEMORY CARD OR FLASH DRIVE; We recommend the memory card as it inserts nearly flush with the radio whereas a memory stick/flash drive sticks outward. All music must be downloaded by means of MP3 format and up to an 8 GB card is recommended. Refer to our website for instructions on how to download and convert music to a MP3 format.

## 7. TROUBLE SHOOTING AND VERY IMPORTANT ITEMS YOU NEED TO KNOW TO AVOID A DEAD BATTERY AND A LOCKED UP RADIO.

Your radio is connected directly to your battery so it is alive 24/7 and the wireless receiver located inside the radio is alive 24/7 and always drawing a small ping of battery energy, if you are not going to ride for 3 days or more, simply disconnect the power source wire up by the radio by simply unplugging the battery power cord, if not, you may experience a dead battery after 4 or 5 days, depending on the quality and condition of the battery. You cannot disable the wireless receiver inside the radio.

7a. No sound coming from the speakers, it is possible that a speaker may be defective/grounded/shorted out, even when new, if no sound is heard but a function is playing, disconnect 1 speaker to see if the other speaker is working as one grounded speaker will kill/stop the sound from both speakers, if the speaker you disconnected is the bad speaker, the other speaker will play, if not, disconnect the other speaker and reconnect the first speaker to determine which speaker is bad, remember, 1 bad speaker will disable the sound from both, so trace out which speaker it is. If you find that by switching the speakers and it is not identifiable, then reverse the speaker wires coming out of the radio to see if it is a lead wire instead of a bad speaker.

7b. Radio is acting dumb, stupid and won't do anything, very LIKELY your radio is loaded up, which means like a computer you will need to reboot your radio by unplugging the battery power wire up by the radio for about a minute to allow the radio to reboot, sometimes it may even take several tries to clear, you need to unplug and reboot once a week.

REMEMBER, WE ARE HERE TO SERVE YOUR NEEDS AND CALLS 24/7, call 218-236-7943. Enjoy your tunes.