



JACK® Digital HDTV Over-the-Air Antenna w/built-in SureLock® Digital TV Signal Meter

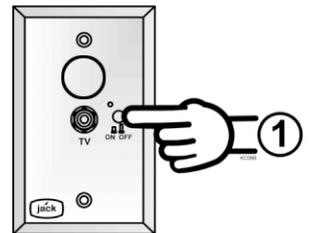
AU8200 / 8255 - White
Roof thickness 32mm-114mm

SPECIFICATIONS

Dimensions:	H220mm x W415mm x L318mm	Frequency Bands:	VHF (47-230Mhz) - 20 dB gain UHF (470-860Mhz) - 25 dB gain
Weight:	1.04kg	Powered Amplifier:	+12 volt / 100 mA working Power supplied via wall mount power switch
Roof Thickness:	32mm to 114mm	Signal Meter	
Maximum Roof Pitch:	3 degrees	Frequency Response:	40-862 Mhz (Ch 2+99)
		Enclosure/Mount:	ASA-Automotive Grade

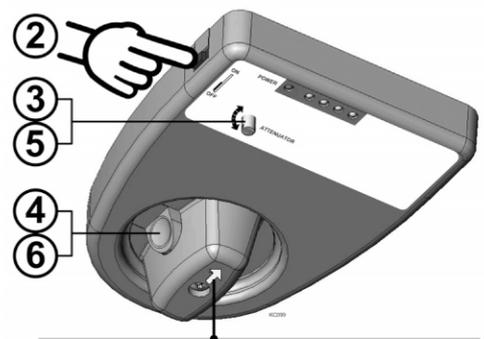
OPERATION

1. Turn on antenna power at wall mount plate.
2. Turn on SureLock Signal Meter power button on side of rotational knob enclosure.
3. Rotate attenuator dial fully clockwise.



Note: In step 4, LED lights will illuminate from left (next to power) to right.
All LED lights may not illuminate depending on signal strength.

4. Depress button on rotational knob and rotate antenna until maximum number of LED lights illuminate on signal meter.
5. Rotate attenuator dial counter clockwise until last illuminated LED light flickers.
6. Rotate antenna to illuminate last flickering LED light.
7. Repeat steps 5 and 6 to pinpoint signal reception.
8. Follow instructions for TV or converter box to scan for available channels.



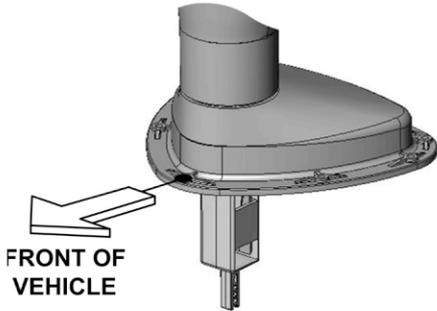
Note: Arrow on knob indicates which direction antenna is pointing.

OVERVIEW

Note: Please read thru the instructions completely before beginning.

1. Unpack and verify all parts are present.

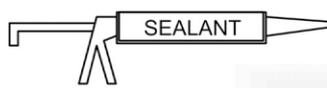
IMPORTANT!
The point of the base mount must face towards the front of the vehicle.



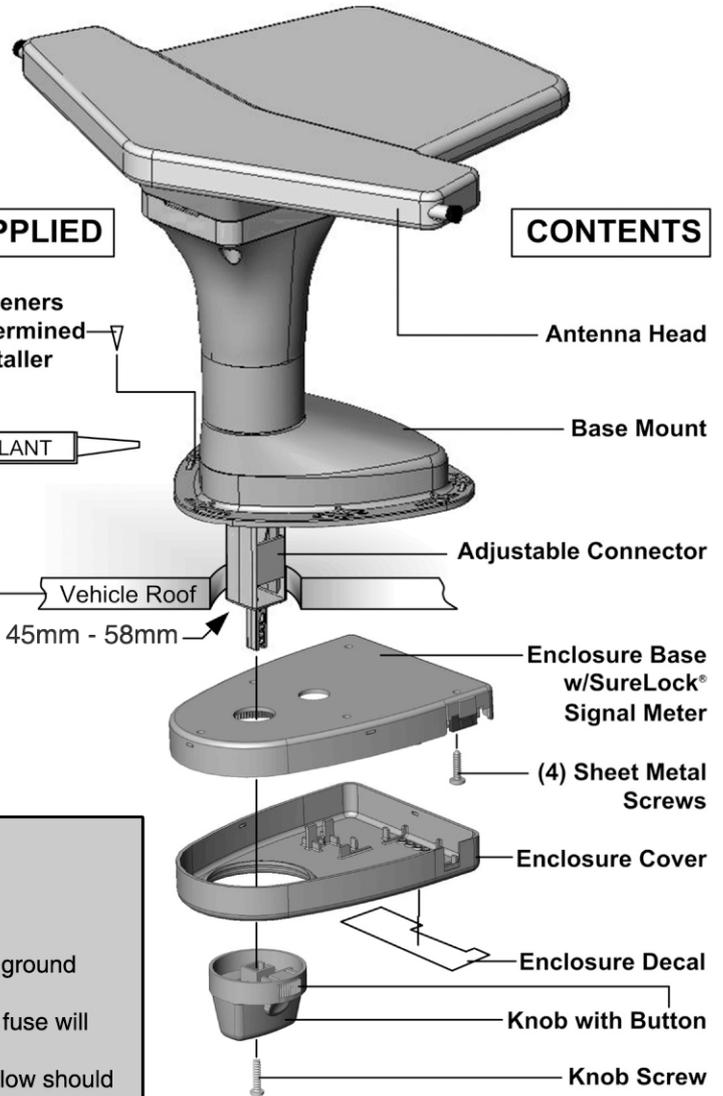
IMPORTANT!
The base mount is compatible with the following roof thicknesses:
AU 8000/AU8255 32MM-114MM

NOT SUPPLIED

(8) Fasteners to be determined by installer



CONTENTS

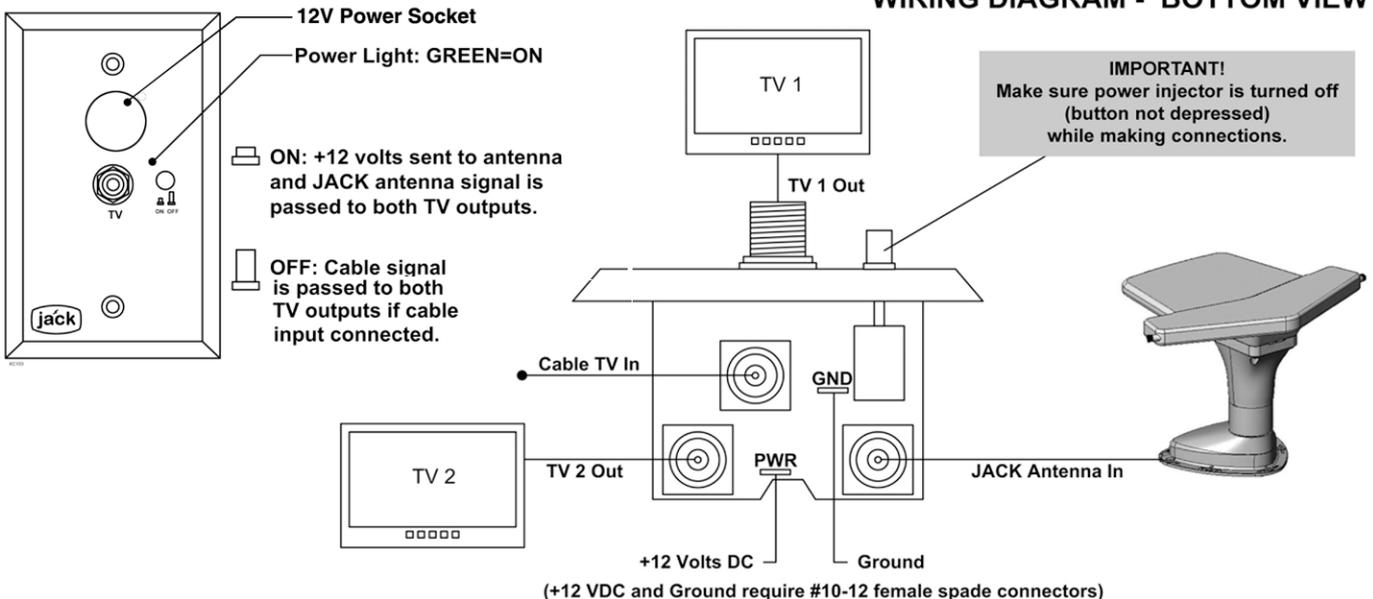


The Wall Mount Power Injector:

- Can be mounted in most standard electrical boxes
- Requires a +12 Volt DC power source
- Requires #10-12 female spade connectors for power and ground connections
- Has an internal fused rated @ 400mA max. If tripped, the fuse will reset when the circuit cools.
- Is not an amplifier. No devices other than those shown below should be connected.

WIRING DIAGRAM - BOTTOM VIEW

IMPORTANT!
Make sure power injector is turned off (button not depressed) while making connections.



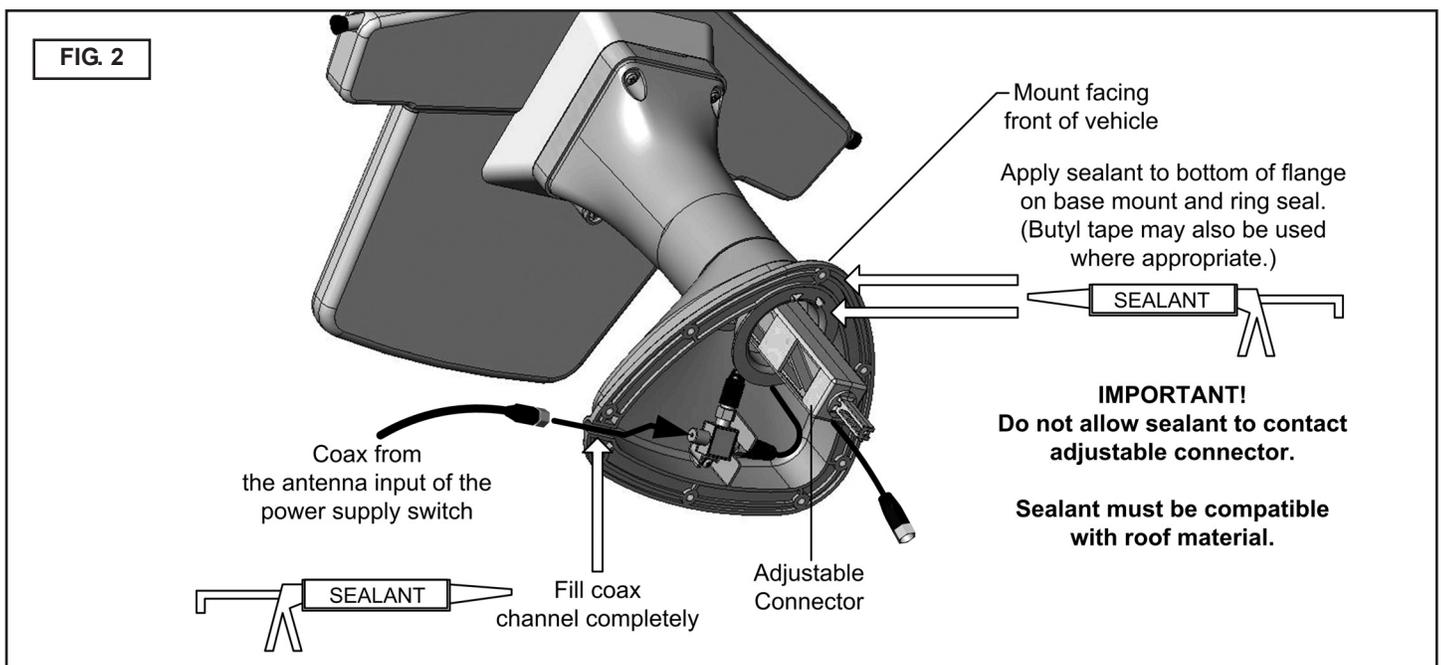
EXTERIOR BASE MOUNT INSTALLATION (FIG. 2)

IMPORTANT! The installer is responsible for determining the most appropriate fastener to secure the base mount to the roof and weatherproofing all holes with sealant. The installer is responsible for sealing all existing holes when replacing an existing antenna mount.

1. Select an area on the roof for the base mount keeping in mind the following **IMPORTANT POINTS**
 - a) The point of the base mount with the adjustable connector should face the front of the vehicle (Fig. 1).
 - b) The center of the roof hole must be at least 510mm away from any object taller than 120mm to provide clearance for the antenna head to rotate freely. The center of the roof hole must also be at least 120mm from the edge of the roof.
 - c) There must be room on the interior ceiling of the vehicle to attach the rotation knob and enclosure to the adjustable connector. The interior enclosure can be mounted in any direction.
2. Drill a 50mm hole perpendicular to the roof surface all the way thru the vehicle roof where the adjustable connector will go. (A 45mm hole will work for flat roofs. If roof has a pitch (up to 3 degrees) you may need a larger hole up to 58mm.)
3. Inside the vehicle, place the enclosure base over the hole and against the ceiling in the position it will be mounted. Mark the coax hole on the ceiling. Enlarge the interior roof hole only at this location to accommodate the coax cable where it will exit the roof and enter the enclosure base (Fig. 3).
4. On the roof of the vehicle, carefully pull out the adjustable connector so it will extend beyond the thickness of the roof when the base mount is installed. It must extend thru the roof to allow installation of interior components. Exact length will be adjusted when interior components are installed.
5. Connect the coax from the antenna input of the power supply switch to the open connection on the splitter in the base mount.

IMPORTANT! In Step 6, ring seal sealant must not get on the adjustable connector.

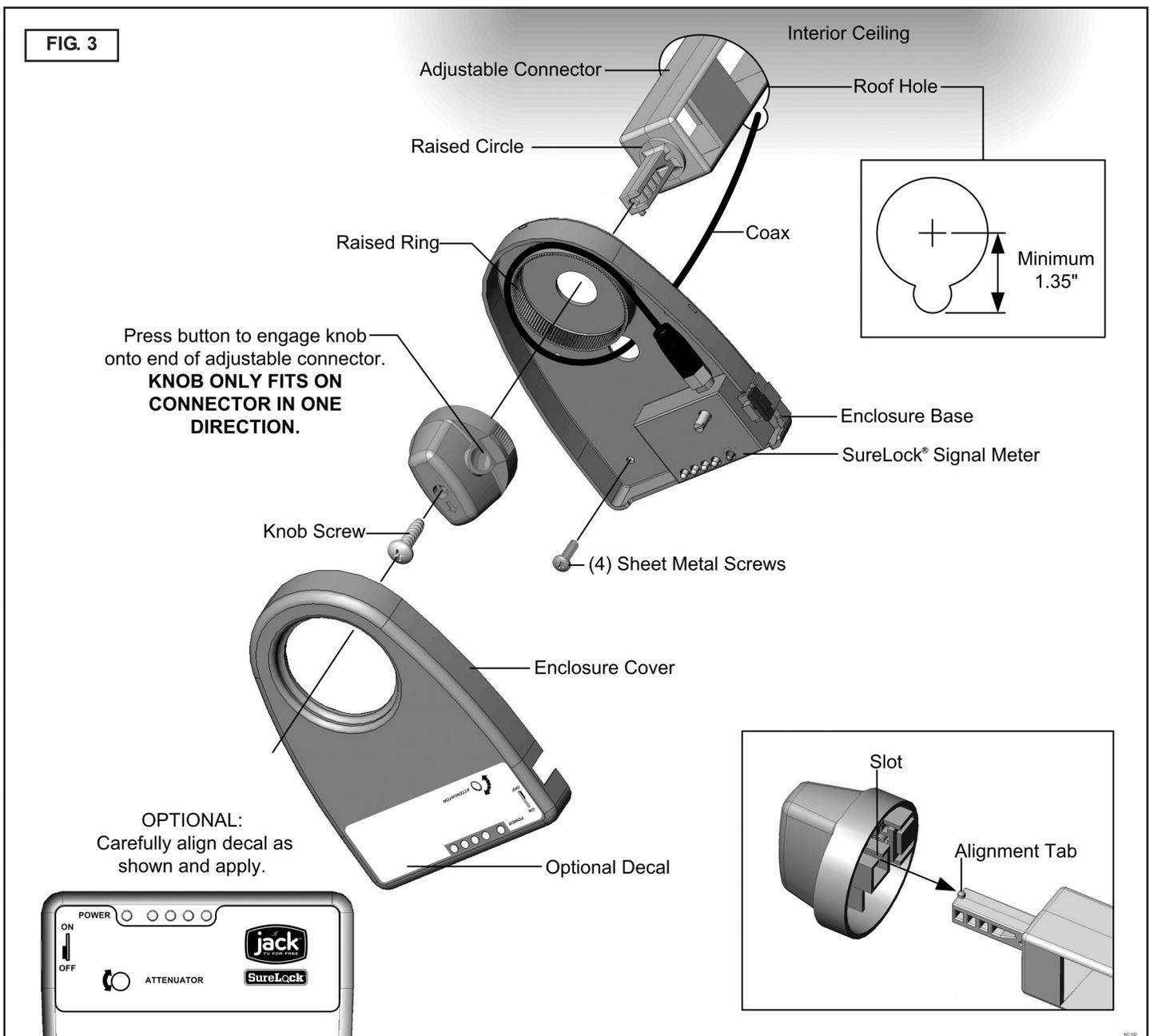
6. Apply sealant to ring seal and base mount, and fill the coax channel with sealant. (Butyl tape may be used in combination with sealant.) Carefully place the base mount in position with the adjustable connector and coax going thru the roof hole and into the interior of the vehicle. **Make sure the point of the base mount with the adjustable connector is pointed towards the front of the vehicle.**
7. Center the adjustable connector in roof hole and fasten the base mount to the roof. Use the mounting holes in the base mount as a guide to install the fasteners (determined by the installer) into the roof. Make sure the base mount is sealed all the way around and the coax channel is fully sealed as well. **ALL EXISTING HOLES MUST BE SEALED!**



INTERIOR ENCLOSURE INSTALLATION (FIG. 3)

IMPORTANT! The rotation knob only fits on the end of the adjustable connector in one direction. SEE INSET BELOW.

1. Press knob button and remove knob from enclosure base.
2. Make sure the coax exits the roof thru the enlarged portion of the roof hole and route the coax thru the coax hole in the enclosure base. Place the enclosure base around the adjustable connector and against ceiling (The enclosure base will seat around the raised circle on the adjustable connector.) Fasten the enclosure to the ceiling with four included screws.
3. Press the knob button and push knob onto the end of the adjustable connector. (**The knob only fits on the end of the adjustable connector in one direction.**) The knob will fit into the raised ring on the enclosure.) Fasten knob to connector with screw.
4. Route the coax around the raised ring as shown and connect the coax to the RF connector on the SureLock signal meter.
5. Optional: If desired, apply the decal to the enclosure cover.
6. Carefully align the cover and snap into place. Make sure not to damage or bend LED lights or pinch the coax cable.



IMPORTANT! Do not power wash any part of the JACK antenna head or base mount.

LIMITED WARRANTY

Every new **JACK** HDTV Antenna System is thoroughly inspected and tested before leaving the factory, and is covered by the following two year parts and one year labor limited warranty from the date of original purchase:

- Two year parts warranty: The customer is not responsible for the cost of replacement parts if the original part is determined to be defective under the terms of the warranty. The customer is responsible for the cost of replacement parts after two years.
- One year labor warranty: The customer is not responsible for labor costs to repair unit if unit falls under the terms of the warranty. Any warranty labor outside of that performed at the factory is not covered unless the product has been installed by an authorized dealer/installer or OEM manufacturer. The customer is responsible for all labor costs after one year.

Should any trouble develop during the warranty period, contact the Australian/New Zealand distributor, Camec before the warranty period expires. If a fault covered by the Warranty occurs, the Purchaser must first contact Camec.

Contact with Camec may be made in any of the following ways:

Australia: (a) Phone 1300 654 936, (b) Fax 03 9799 4476, (c) Email: service@camec.com.au

New Zealand: (a) Phone 04 9257 2419, (b) Fax 04 9257 1910

Any Warranty claim from the Purchaser must be accompanied by:

- (a) Proof of purchase
- (b) Return of the product, and
- (c) Full details of the alleged defect.

The cost of delivery and insurance of the Product to and from Camec and the cost of testing the Products are the responsibility of the Purchaser.

This Warranty does not cover installation and external wiring, or remanufactured units. This warranty is not transferable from the original owner.

This Warranty does not apply where:

- The product has been abused, misused, improperly installed or improperly maintained.
- Repairs have been made or attempted by others that are not certified by Camec to do such repairs.
- Repairs are required because of normal wear and tear.
- The product enclosure has been opened.
- Damage has been caused by power washing.
- Supplied grease not used in the external coax connection as specified in the instructions.
- Circumstances beyond the control of Camec cause the product to no longer operate correctly.
- Customer is not the original owner.

In no event shall Camec be liable for any indirect, incidental, or consequential damages from the sale or use of the product. This disclaimer applies both during and after the term of the warranty. Camec disclaims liability for any implied warranties, including implied warranties of "merchantability" and "fitness for a specific purpose" after the one year term of this warranty.

Camec Pty Ltd - 47-63 Remington Drive, Dandenong South Victoria, Australia

Camec NZ Ltd - 44 Montgomerie Road, Mangere Auckland, New Zealand

www.camec.com.au