

Kenwood D562BT from Stock Infinity w/o Nav - easy install

By GregWork

OK, so I obsessed over installing an aftermarket radio and read dozens of threads and sticky posts regarding what units work best, how to wire, etc.

I have a 2005 Limited Roadster with Infinity w/o Nav.

I settled on the Kenwood KMR-D562BT. I purchased from Crutchfield because after the freebies, the price seemed similar to others. I had to call them to get the free stuff as this is a marine HU and their system doesn't auto include as a result. Advisor suggested that i use Metra 70-1786 and a Scosche SLC4 Line Output Converter to connect to the amp. He said the volume would be too low without the Line converter. It was \$10, so I said OK. All the while scratching my head on whether it was really needed. Dubious to the advice I also ordered a Scosche VW01B harness just in case from Amazon. The removal tools, wire nuts (\$7), and the Metra 40-EU10 antenna adapter were included in the box. Install instructions were not included.

After pouring over the threads and wiring diagrams, I decided to start with the direct wire method using the VW01B to speaker outputs. I would then move on to the line converter/ 70-1786 if the output was still too low.

Short answer is: direct wire works perfectly.

Volume is more than sufficient as is. Pairs with my iPhone 6.

I still need to play with parameters to optimize the sound, and set permanent color. But quite happy with how easy this really was. If you don't want the BT microphone, then after wiring the harness it is plug and play simple 5 minute install.

Limitations of the stock speakers remain, and I may upgrade sometime.

What you need: (buy from vendor of your choice)

[Kenwood KMR-D562BT](#)

 [Scosche VW01B](#)

 [Metra 40-EU10](#)

 [Metra 86-9001](#)

[Wire nuts](#) (or crimp or solder)

 [Wire stripper](#)

Optional for microphone install:

[Phillips/ Slotted screwdrivers](#)

[Trim Tools](#)

Start in the comfort of your home desk or work bench.

Take the Kenwood harness

- Tape off Brown (mute), Blue (Antenna), and Lt Blue/Yellow (Marine remote) wires as they will not be used
- Strip all remaining wires 1/2"

Take the VW01B

- Switch the red and yellow wires in positions A7 and A4 (tip: look at the back of the harness where the wires go in, to match with factory socket drawing layout - plug mirrors it)
- Install loose Blue/White wire in position A5 (see tip above)
- Tape off two Pink and Orange wires as they will not be used
- Loose Blue wire will not be used

Connect all wires of like color to each harness (Kenwood to VW01B) with method of choice.

Clip Kenwood harness into D562BT

Push Metra 40-EU10 into D562BT

Take All to the vehicle.

Remove factory HU with tools

Insert MB arm with notch to the inside, mirror L/R

Pull unit free

Disconnect harness and antenna

OPTIONAL Install BT Microphone:

Remove driver A pillar trim with trim tools (see Service Manual section INTERIOR 23 - 377 if needed)

Use wedge tool to pry trim from top weatherstrip side and work down while rotating trim towards interior.

Remove driver fuse panel

Remove 4 screws from kick panel/ cover - not necessary to fully remove panel

Feed microphone wire down A pillar and clip in place

Feed through open fuse panel area

Drop plug beside kick panel cover and foot well wall, then feed into back of loosened panel cover.

Look into DIN (open HU slot) to the left and you will see an small opening from radio hole to above kick panel.

Create loop of microphone wire hanging down, and feed it up between space between kick panel and drive tunnel until you can see it through the hole at the back left of DIN opening. Grab wire with hand or wire hook and pull through.
Tuck any loose wire into the kick panel and weatherstrips.

Replace A pillar trim and fuse cover in reverse of removal.
Fasten kick panel back together.
Pull any slack in microphone wire into DIN slot area.

Insert metal aftermarket frame into DIN slot,
It will clip into place, bend a couple tabs for further security if desired.

Feed antenna, harness, and microphone wires through metal frame
Connect all to D562BT

Turn on ACC power and test D562BT function. All should be fine. If not check your wiring again.

Gently feed wires into DIN hole and tuck down/ below deck slot
Firmly seat D562BT into metal frame.

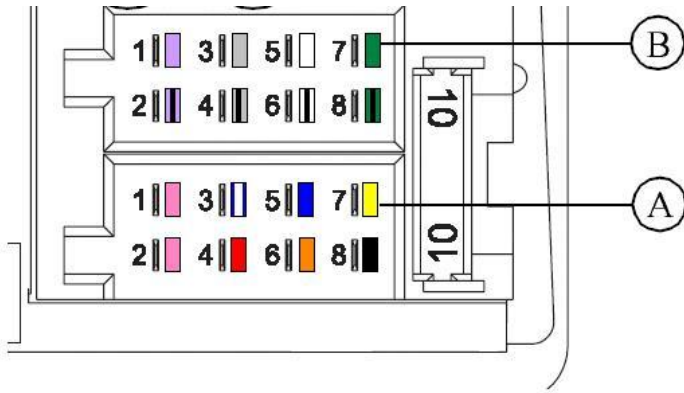
Pair your smartphone.

Enjoy.

Should take about an hour to install.

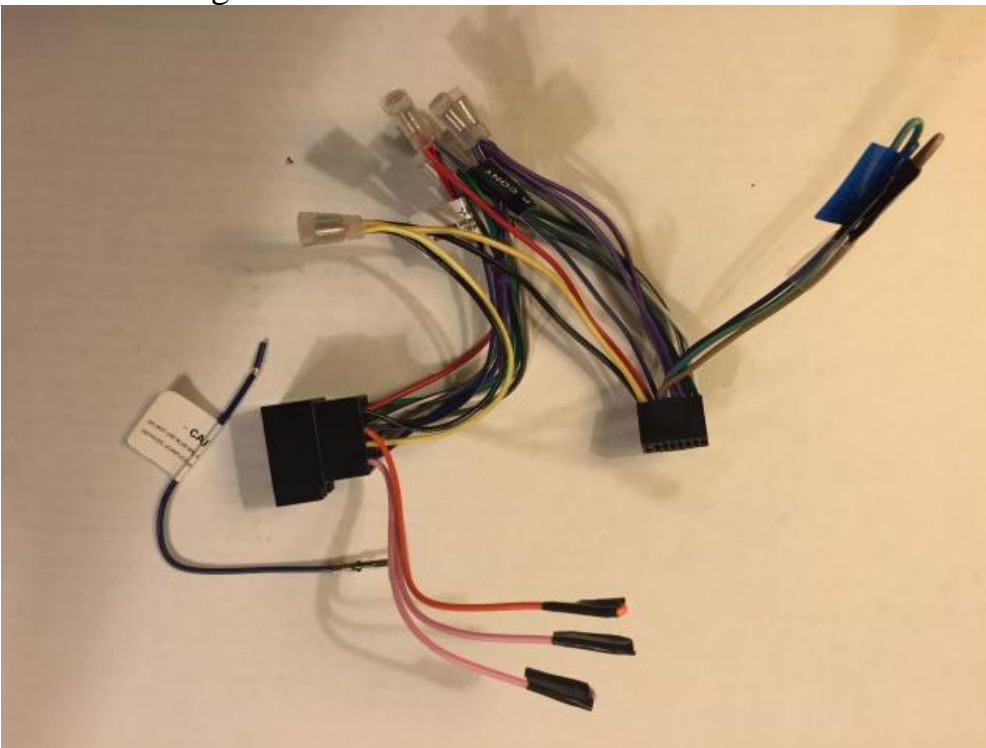
15-20 minutes to wire up harness
30-45 minutest to install microphone
5 minutes to install metal frame and D562BT
2 minutes to test
2 minutes to pair phone

Pinouts from another thread

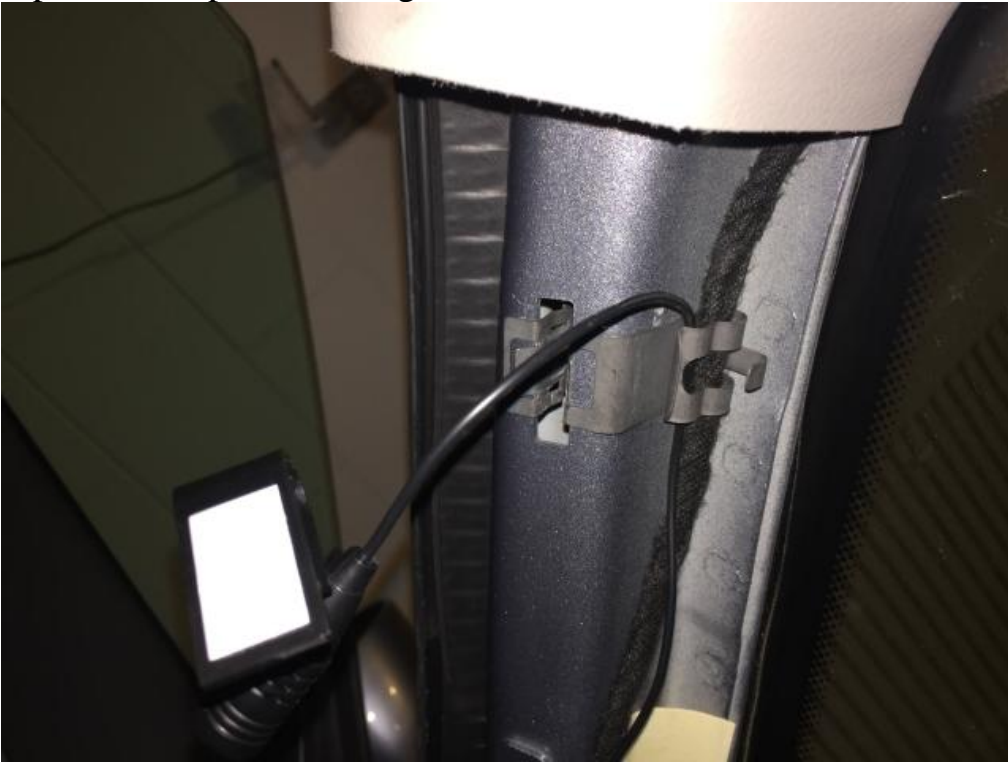


Socket	Pin	Becker Radio Connector (into car)	Wires (into aftermarket stereo)	Color
Socket A (power/modes)				
A	1	Speed Volume Control		?
A	2	unused or reversing lamp signal		?
A	3	telephone mute		?
A	4	permanent positive 12v (fuse terminal 30)	Yellow *	
A	5	Amp/power antenna on	Blue or Blue/White	
A	6	Illumination (fuse terminal 58d)	Orange	
A	7	switched positive 12v (fuse terminal 15)	Red *	
A	8	Ground (-)	Black	
Socket B (speakers)				
B	1	RR (+)	Violet	
B	2	RR (-)	Violet/Black	
B	3	RF (+)	Gray	
B	4	RF (-)	Gray/Black	
B	5	LF (+)	White	
B	6	LF (-)	White/Black	
B	7	LR (+)	Green	
B	8	LR (-)	Green/Black	

Harness mating:



A pillar microphone routing



Microphone installed



Microphone wire feed into DIN slot



Harness connect to car



Completed Installation

