

• PC





SJ EOC VARA-FM Station Recommendations:

\$ USE A DEDICATED RADIO AND ANTENNA, 50W RF POWER OUTPUT, SUPERHET RECEIVER, WITH OUT-OF BAND FILTERING (NOT CHEAP CLONE RADIO). RECOMMEND YAESU FTM 6000R RADIO:





Recommended VARA-FM Station USB Sound Card ("Digital Radio Adapter"):

masterscommunications.com/products/radio-adapter/dra/dra50m.html

Custom Products for the Digital Radio Amateur Enthusiast

Model DRA-50M

A Radio Interface for Digital Two-Way Radio Applications

Pricing:
DRA-50M Unassembled Kit with Metal Case (Blue or Black) - \$85.00 each.
DRA-50M Assembled and Tested with Metal Case (Blue or Black) - \$115.00 each.

A (NO Case) option is not available - please click back and choose a DRA-50.

The <u>DRA-50M</u> is available in a blue or black metal case. The "M" Series is designed to fit our Metal-SC Cases and are easier to set-up and use. They don't require adapter rails or hardware. The board slides directly into the side rails of the metal case.

Article on the differences between the DRA-50 and DRA-50M

Shipping and handling is calculated at checkout for US and International orders. First-Class shipping available to most locations worldwide, calculated at checkout. Most Credit Cards & PayPal accepted - order below.









VARA-FM Station USB Sound Card Kenwood D-710 Radio Interface Cable:

→ C 🙄 masterscommunications.com/products/cables/drac-12.html



Description:

The DRAC-12 Cable is a high-quality 6-foot Mini-DIN-6 cable that connects the DRA-36, DRA-50 or DRA-70 radio adapters to radios that have a

It can also be used with the RA DIN-6 and DRA DIN-6 Adapters and the Alinco-6 Adapter in the same manner.

It's a straight through Male-to-Male DIN-6 (PS2 "type") cable.

These are good quality cables and have all conductors present. (Not all cables have all 6 conductors populated. Some pins are therefore missing connectivity.)

Secure PayPal Ordering: Quantity can be changed at PayPal after pressing the "Add to Cart" button.

DRAC-12 Radio Cable



VARA-FM Station USB Sound Card Yaesu FTM 6000R Radio Interface Cable:

le for the DRA series 🗴 📀 6 Pin Mini Din TNC Cables 🛛 🗙

🗯 hammadeparts.com/shop-for-cables/ols/products/yaesu-ct-167-10-pin-mini-din-cable-to-either-db9-or-5-pin-din-plug/v/YS-CT-167-10-6-PIN1 🛛 😫 ☆ 🛝 🚺

Il Products / Amateur Radio TNC Cables / 6 Pin Mini Din TNC Cables



Yaesu CT-167 10 pin mini din cable to either DB9, 5 pin din, Mobilinkd 3.5mm TRRS plug, DigiRig version 1.6 & Up 3.5 mm TRRS Plug, 6 pin mini din plug, PK-88 8 Pin Mic Plug - 3 ft cable length

\$49.95

TNC Connector

6 Pin Mini Din male Plug - 9600 Baud (Backordered)

Backordered

Quantity



EA5HVK VARA Software (Windows Only) Download:

25 rosmodem.wordpress.com/2011/01/10/ros-2/

EA5HVK Weak signals Software	
« HRDLog.net Datamode groups join forces for contestin	g »
EA5HVK software VARA HF v4.8.1 (High Performance HF Modem) VARA FM v4.3.2 (VARA for FM transceivers)	This is the "MODEM" Application
 VARA SAT v4.4.0 (VARA for QO-100 geostationary SAT) VARA Chat v1.3.6 (Easy Text and File transfer chat) VARA Terminal v1.2.0 (VARA dumb terminal for BBS's) 	This is the "Operator Interface" Application



VARA-FM Software Configuration Example:





* VARA FM WIDE needs a FM rig set for 9600 Packet operation, with a special soundcard interface (6 kHz BW) connected to rear panel: RA-Board, Signalink "Black" transforms, Modified Signalink (red audio transforms removed), homebrew interface (a simple direct cable)...

* In other case, you must select VARA FM NARROW

Close



VARA-Chat Software Configuration Example:

A		×	
VARA FM TCP Command Port 8300 Data Port 8301	VARA Mode C VARA HF C VARA FM C VARA SAT		
Host Iocalhost	Al6EH-1		This is Where Files Sent to
-VARA FM Modem locati	on		
-VARA FM Modem locati	on VAFM.exe		
VARA FM Modem locati C:\VARA FM\VAF KISS TCP Port 8100	on VAFM.exe Automatically launch VARA TNC at startu Disconnect automatically after sending fil		



VARA-FM Software Configuration Soundcard & PTT Examples:





VARA-FM Software Ping & Connect Examples:







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VARA-FM Software Ping & AutoTune Results:









VARA Chat File Transfer Results:





How to Use VARA:

Generally:

THINK OF SENDING A FAX, POINT-TO-POINT
 LISTEN ON THE RADIO CHANNEL BEFORE TRANSMITTING
 NEVER USE A RADIO CHANNEL USED FOR PACKET MESSAGING. (VARA TAKES UP THE WHOLE CHANNEL).

Operating:

USE VARA Chat "BROADCAST" FOR KEYBOARD-TO-KEYBOARD CHAT WITH OTHER STATIONS
USE VARA Chat "BROADCAST" TO ADVISE OTHER STATIONS THAT YOU WILL BE SENDING A FILE
"PING" THE DESTINATION STATION TO MAKE SURE THEY ARE ON-LINE
SELECT "FILE SEND" AND POINT TO THE FILE YOU WANT TO SEND
CLICK ON THE "POWER PLUG" ICON.