

# RT SYSTEMS RADIO PROGRAMMING SOFTWARE

VERSION 4.50

INSTALLATION WILL BEGIN  
AUTOMATICALLY.  
SHOULD IT FAIL TO BEGIN,  
RUN SETUP FROM YOUR  
CD-ROM TO INSTALL THE  
PROGRAMMER.

GETTING STARTED  
DETAILS AVAILABLE FROM  
THE FIRST SCREEN OF  
INSTALLATION.

for radios\* by:

|           |         |
|-----------|---------|
| Alinco    | Puxing  |
| Anytone   | Ten-Tec |
| Baofeng   | TDXone  |
| Icom      | Tonfa   |
| Jetstream | TYT     |
| Kenwood   | Wouxun  |
| Pofung    | Yaesu   |
| Powerwerx |         |

**rt SYSTEMS**  
RADIO PROGRAMMING MADE EASY

Product Guide 2014

The screenshot displays the 'VX-8 Programmer - VX-8 Untitled1' window. It features a menu bar (File, Edit, Communications, Settings, Window, Help) and a toolbar. The main area is a table of radio channels with columns for Receive Frequency, Transmit Frequency, Offset Frequency, Offset Direction, Operating Mode, Name, Tone Mode, CTCSS, DCS, DCS Polarity, User CTCSS, Tx Power, Skip, Step, Mask, Attenuator, Internet, S-Meter Squelch, and Clock Shift. Below the table, there is a 'Menu Settings for VX-8 - Untitled1.rsf' window with various tabs (Common, ARIS / CW / EAI, Messages, Sounds, DTMF / Internet, VFO and Menu Skip, APRS / GPS) and numerous configuration options for the radio, including Antenna, Audio, Power, and Display settings.

\* Each Programmer is unique to a specific radio and will not work for other radio models.



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# WHY CHOOSE RT SYSTEMS SOFTWARE?

- Because it works... and if it doesn't, you have personal American based help from technicians who are not only hams but also computer and software people. These technicians can help with questions about ham radio functions and troubleshoot computer issues.
- A direct link to several popular sources for frequencies to use (ham repeaters) or listen to (police, fire, etc.). Choose from ARRL Travel Plus, RFinder Worldwide Repeater Directory or Radio References (purchase services or materials separately) or Repeater Book (free service). A radio programming file can be created in four mouse clicks after you identify the information you want from the external source. Easy and accurate. No need to import or input frequencies manually.
- D-STAR Calculator built right into the Programmers for the D-STAR radios. No need to chase data or type frequencies. Use your mouse to select and program channels with ALL the details for D-STAR operations.
- Online videos, FAQs and Knowledge Base full of details about the Programmers and the radios. Lots of little tricks for the Programmers and for your radio can be found on our website. RT Systems technicians take the time to document those "gotchas" and to tell you how to work around them to get the most from your radio.
- This software is recommended by the major radio companies. As their reps put it... "We are radio people. RT Systems are software people. You get the best from the specialists. RT Systems software is user friendly. Our software is functional".
- RT Systems actively maintains and updates the Programmers and the database of the D-STAR Calculator.
- The RT Systems Programmers allow you to copy and paste memory channel details between files... even files for different radios... even radios from different manufacturers once the Programmer for the specific radio is installed. You select ALL the details for a channel with one mouse click... the whole spreadsheet with only two key presses after that. The Programmer takes care of the likes and differences when you paste that into the Programmer for the other radio.
- Import and Export. Copy from an Excel file. Column editing. Copy from a web page to paste into a programming file.
- Complete control of when and what data is transferred between the radio and the computer. No guessing. Graphic displays keep you posted through the process.
- The Programmers are radio specific. No need to wonder if an option is part of your radio. If it is in the Programmer for your specific radio... it is a part of your radio. No need to chase after software specific to the firmware version of your radio. The RT Systems Programmers are designed to work with any authorized firmware version of the radio for which it is intended.



# FREQUENTLY ASKED QUESTIONS

## ■ **What details of the radio does the programmer address?**

Basically, anything and everything you can program from the face of the radio, you can program from the software.

This is not just for memory channel programming. Your radio does so much more and each Programmer is designed to address all those features.

The Programmers address the details of the memory channels AND other set menu items of the radio.

The Programmers handle regular memory channels, VFOs, Hypermemoies (where applicable), Call or Home channels, limit memories (for programmable scanning), weather channel memories (where applicable), TV channels (where applicable), and shortwave memories (where applicable). Tabs at the bottom of the screen give you easy access to each memory type.

Other Set Menu items are set once to be used by the Programmer with any frequency file you create. No need to reset these for each file. No need to “touch up” these settings on the radio after programming memory channels.

## ■ **Can I use one software kit for all of my radios? Why do I need to purchase separate kits?**

Each radio has unique features and functions. Each Programmer is designed to address that uniqueness. There is no need to wade through features that don't apply to your radio. The software that is tailored to a specific model.

Often, our USB cables can be used on more than one radio. Double check this if you are purchasing more than one kit. You may need only the Programmer for the next radio.

## ■ **Is the software compatible for use with commercial radios?**

Software is unique to the radio (any radio: amateur or commercial). A commercial radio will require software specific to that model. RT Systems does not make software for commercial radios.

## ■ **The Serial Number I entered isn't working.**

Check that you are entering the 20 digit serial number from the back of the CD sleeve.

Be sure you are installing from the original CD on a local CD drive. A local CD drive is in the machine to which the software is being installed.

If you must use a shared network drive for a machine that does not have a CD drive, map that drive to a letter designation on the machine to which the software is to be installed. Then run setup from that letter designation.

If you are installing to a virtual machine, be sure the CD drive is a device assigned to the virtual machine.

## ■ **I've lost the Serial Number.**

Contact RT Systems with the Lot Number and date from the face of the original CD and specify which Programmer the serial number is for.

## ■ **How do I install drivers for your USB cable?**

The USB drivers install during installation of the Programmer. Generally there is nothing else to do other than attach the cable. The drivers can be installed manually from [www.rtsystemsinc.com](http://www.rtsystemsinc.com). RT Systems drivers are parked at Microsoft and can be found automatically when you attach the cable.

## ■ **Windows isn't locating the USB cable.**

Attach the USB cable and give it time. It can take several minutes on some machines for Windows to identify the USB cable and properly install the drivers.

## ■ **Do you have software available for Mac computers?**

The software is Windows based. Mac users have run our software successfully with Parallels Desktop®.

## ■ **Is your software compatible with Linux?**

The software is not compatible with Linux. We are not working to address that platform.

# RT SYSTEMS SOFTWARE\* & USB CABLE/SD CARD KITS

## ALINCO

|            |        |            |
|------------|--------|------------|
| DJ-A10/A40 | DJ-100 | DJ-175     |
| DJ-G7      | DJ-G29 | DJ-V17     |
| DJ-V27     | DJ-V47 | DJ-V57     |
| DJ-500     | DR-135 | DR-138/438 |
| DR-235     | DR-435 | DR-635     |
| DX-SR8     |        |            |

## ANYTONE

|        |           |           |
|--------|-----------|-----------|
| At-588 | AT-3318UV | AT-5888UV |
|--------|-----------|-----------|

## BAOFENG

|                                                |        |        |
|------------------------------------------------|--------|--------|
| UV-5/UV-5R/UV-5R+/UV-5RA/UV-5RC/UV-5RE/UV-5RCx |        |        |
| 997-S                                          | BF-F8  | BF-F9  |
| BF-388A                                        | BF-888 | GT-3   |
| UV-B5/B6                                       | UV-E5  | UV-F11 |
| UV-82                                          | UV-89  |        |

## ICOM

|                |            |         |
|----------------|------------|---------|
| IC-R2          | IC-T2      | IC-R6   |
| IC-Q7          | IC-T7      | IC-T8   |
| IC-V8          | IC-R10     | IC-R20  |
| IC-W32         | IC-T70     | IC-80   |
| IC-V80         | IC-T81     | IC-U82  |
| IC-V82         | IC-V85     | IC-T90  |
| IC-91A/D       | IC-92A/D   | IC-208  |
| IC-746/746 PRO | IC-756 PRO | ID-800  |
| IC-2100        | IC-2200    | IC-2300 |
| IC-2720        | IC-2820    | IC-7000 |
| IC-7100        | IC-7200    | IC-7410 |
| IC-V8000       | IC-9100    | ID-31   |
| ID-51          | ID-880     | ID-5100 |

## JETSTREAM

|        |        |
|--------|--------|
| JT-220 | JT-222 |
|--------|--------|

## KENWOOD

|          |                        |         |
|----------|------------------------|---------|
| TH-K2    | TH-F6/F7* <sup>2</sup> | TH-D7G  |
| TH-K20   | TH-D72* <sup>3</sup>   | TM-V7A  |
| TM-V71   | TM-271/281             | TM-471  |
| TM-D700  | TM-G707                | TM-D710 |
| TM-D710G | TS-480                 | TS-590  |
| TS-2000  |                        |         |

\*<sup>2</sup> European radio

\*<sup>3</sup> Software Only - Cable supplied with radio.

# RT SYSTEMS SOFTWARE\* & USB CABLE/SD CARD KITS

## POFUNG

UV-5/UV-5R/UV-5R+/UV-5RA/UV-5RC/UV-5RE/UV-5RCx  
 997-S                      BF-F8                      BF-F9  
 BF-388A                      BF-888                      GT-3  
 UV-B5/B6                      UV-E5                      UV-F11  
 UV-82                      UV-89

## POWERWERX

DB-16X                      DB-750X                      KG-UVA1X  
 KG-UV3X

## PUXING

PX-UV9R                      PX-UV973

## TDXONE

TD-Q8                      TD-Q8A

## TONFA

UV-985

## TYT

TH-UVF1                      TH-UV8R                      TH-UVF9  
 TH-UVF9D                      TH-9000 (2m/220 MHz/440 MHz)

## WOUXUN

KG-899                      KG-UVD1P                      KG-UV3X  
 KG-UV2D/UV3D                      KG-UV5D                      KG-UV8D  
 KG-UV6D/6D V2/6X                      KG-UV920P/920PA/920R  
 KG-UV950P

## YAESU

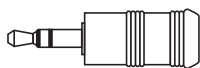
FT-1D                      FT-50                      FT-60  
 FT-90                      FT-250                      FT-270  
 FT-277                      FT-450                      FT-817/D  
 FT-847                      FT-857/897/D                      FT-950  
 FT-1500                      FT-1802                      FT-1807  
 FT-1900                      FT-1907                      FT-2600  
 FT-2800                      FT-2900                      FT-3000  
 FT-7100                      FT-7800                      FT-7900  
 FT-8000                      FT-8100                      FT-8500  
 FT-8800                      FT-8900                      FT-DX1200  
 FT-DX3000                      FTM-350                      FTM-400  
 VR-160                      VR-500                      VX-1  
 VX-2                      VX-3                      VX-5  
 VX-6                      VX-7                      VX-8/D  
 VX-8G                      VX-110/150                      VX-120/170  
 VX-127/177

\* Each Programmer is unique to a specific radio and is not compatible between radio models. Except where two models are listed together (ie. X/Y), there is a separate kit (cable and software) for each radio listed.

# USB CABLE GUIDE

## USB-29A

3.5mm Stereo Plug  
Blue Cable



>> Not interchangeable with USB-RTS01

### ALINCO PROGRAMMING WITH RT SOFTWARE

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| DJ-A10 | DJ-A40 | DJ-100 | DJ-175 | DJ-500 |
| DR-135 | DR-138 | DR-235 | DR-435 | DR-438 |
| DR-635 | DX-SR8 |        |        |        |

### ANYTONE PROGRAMMING WITH RT SOFTWARE

AT-588

### ICOM PROGRAMMING WITH RT SOFTWARE

|          |          |           |         |         |
|----------|----------|-----------|---------|---------|
| IC-R2    | IC-T2    | IC-R6     | IC-T7   | IC-T8   |
| IC-V8    | IC-R10   | IC-R20    | IC-W32  | IC-T70  |
| IC-80*   | IC-V80   | IC-T81    | IC-U82  | IC-V82  |
| IC-V85   | IC-T90   | IC-91A/D  | IC-208  | ID-800  |
| ID-880*  | IC-2100  | IC-2200   | IC-2300 | IC-2720 |
| IC-2820* | IC-V8000 | ID-5100** |         |         |

\* Can use USB-RTS05 for programming with RT Software and for data with software from other sources.

\*\* Control with software from other sources.

### JETSTREAM PROGRAMMING WITH RT SOFTWARE

JT-220 JT-222

### TYT PROGRAMMING WITH RT SOFTWARE

TH-9000

### YAESU PROGRAMMING WITH RT SOFTWARE

VR-160 VR-500

## USB-29B

6-Pin Mini Din Plug  
Black Cable



>> Not interchangeable with USB-61 or USB-K4S

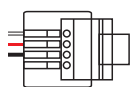
### YAESU PROGRAMMING WITH RT SOFTWARE

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| FT-3000 | FT-7100 | FT-7800 | FT-7900 | FT-8000 |
| FT-8100 | FT-8500 | FT-8800 | FT-8900 |         |

# USB CABLE GUIDE

## USB-29C

4-Pin Modular Plug  
Black Cable



>> Not interchangeable with USB-29F

### YAESU PROGRAMMING WITH RT SOFTWARE

FT-90

FT-2600

## USB-29F

6-Pin Modular Plug  
Green Cable



>> Not interchangeable with USB-29C

### YAESU PROGRAMMING WITH RT SOFTWARE

FT-1500

FT-1802

FT-1807

FT-1900

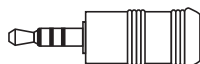
FT-1907

FT-2800

FT-2900

## USB-57A

4-Conductor 3.5mm Plug  
Red Cable



>> Not interchangeable with USB-57B

### ICOM PROGRAMMING WITH RT SOFTWARE

IC-Q7

### YAESU PROGRAMMING WITH RT SOFTWARE

FT-50

FT-60

FT-250

VX-1

VX-2

VX-3

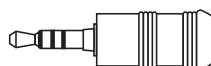
VX-5

VX-110

VX-150

## USB-57B

Extended 4-Conductor  
3.5mm Plug  
Yellow Cable



>> Can be used in place of USB-57A

### ALINCO PROGRAMMING WITH RT SOFTWARE

DJ-G7

DJ-G29

DJ-V17

DJ-V27

DJ-V47

DJ-V57

### YAESU PROGRAMMING WITH RT SOFTWARE

FT-270

FT-277

VX-6

VX-7

VX-120

VX-127

VX-170

VX-177

# USB CABLE GUIDE

## USB-59

Unique 7-Pin Plug  
Blue Cable



**YAESU** PROGRAMMING WITH RT SOFTWARE (only)

VX-8

VX-8D

*NOT for VX-8G (see USB-82)*

## USB-60

6-Pin Din Plug  
Blue Cable



**YAESU** CAT (CONTROL) OPERATIONS WITH SOFTWARE FROM OTHER SOURCES

FT-990

FT1000D

## USB-61

6-Pin Mini Din  
Black Cable w/ Orange Band



**>> Not interchangeable with USB-29B or USB-K4S**

**YAESU** CAT (CONTROL) OPERATIONS WITH SOFTWARE FROM OTHER SOURCES

FT-840

FT-890

FT-900

## USB-62

8-Pin Mini Din Plug  
White Cable



**>> Not interchangeable with USB-81 or USB-K5G**

**YAESU** CAT (CONTROL) OPERATIONS WITH SOFTWARE FROM OTHER SOURCES

FT-100

FT-817\*

FT-817/ND\*

FT-857\*

FT-857/D\*

FT-897\*

FT-897/D\*

*\* RT Systems programming software available*

# USB CABLE GUIDE

## USB-63

DB-9 Female  
White Cable



>> Not interchangeable with USB-64 or USB-65

The USB-63 cable works with many Yaesu and Kenwood radios for programming with RT Software, CAT (control) operations with software from other sources, and/or radio firmware upgrades from the manufacturers.

### KENWOOD

|          |          |        |        |         |
|----------|----------|--------|--------|---------|
| TM-D700* | TS-480*  | TS-570 | TS-870 | TS-590* |
| TS-990   | TS-2000* |        |        |         |

### YAESU

|           |                   |            |            |           |
|-----------|-------------------|------------|------------|-----------|
| FT-450*   | FT-950*           | FT-2000    | FT-5000    | FT-9000   |
| FT-1000MP | FT-DX3000*        | FT-DX1200* | FT-DX3000* | FT-DX5000 |
| FT-DX9000 | FT-DX9000 Contest |            |            |           |

\* RT Systems programming software available

## USB-64

DB-9 Male  
Blue Cable



>> Not interchangeable with USB-63 or USB-65

>> CAT (CONTROL) OPERATIONS WITH SOFTWARE FROM OTHER SOURCES

### TEN-TEC

Jupiter Models   Omni VII Models   Orion Models   Orion II Models   Receivers

### YAESU

FT-920

## USB-65

DB-9 Null-Modem  
White Cable w/ Orange Band



>> Not interchangeable with USB-63 or USB-64

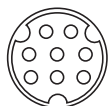
**YAESU** PROGRAMMING WITH RT SOFTWARE AND CAT (CONTROL) OPERATIONS  
WITH SOFTWARE FROM OTHER SOURCES

FT-847

# USB CABLE GUIDE

## USB-81

8-Pin Mini Din Plug  
Red Cable



>> Not interchangeable with USB-62 or USB-K5G

**YAESU** PROGRAMMING WITH RT SOFTWARE. FIRMWARE UPGRADES FROM YAESU  
FTM-350

## USB-82

2.5mm Stereo Plug  
Orange Cable



>> Not interchangeable with USB-RTS05

**KENWOOD** PROGRAMMING WITH RT SOFTWARE  
TH-D7G

**YAESU** PROGRAMMING WITH RT SOFTWARE  
VX-8G

## USB-92

Unique 12-Pin Mic Plug  
Green Cable



>> Not interchangeable with USB-92D

**ICOM** PROGRAMMING WITH RT SOFTWARE (ONLY)  
IC-92

## USB-92D

Unique 12-Pin Mic Plug  
Green Cable w/ Yellow Band



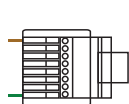
>> Not interchangeable with USB-92

**ICOM** DATA WITH SOFTWARE FROM OTHER SOURCES  
IC-92 The **ONLY** USB data cable for the IC-92

# USB CABLE GUIDE

## USB-A5R

8-Pin Modular Plug  
Red Cable w/ Yellow Band



- >> Not interchangeable with USB-W5R or USB-K5D
- >> Can be used in place of USB-PW1

### ANYTONE PROGRAMMING WITH RT SOFTWARE

AT-5888UV

## USB-K4S

6-Pin Mini-Din  
Black Cable w/ Yellow Band



- >> Not interchangeable with USB-29B or USB-61

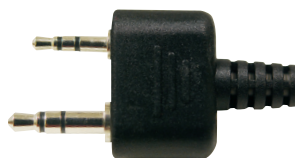
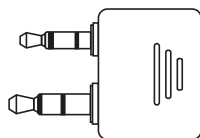
### KENWOOD PROGRAMMING WITH RT SOFTWARE

TM-V7A

TM-G707

## USB-K4Y

2-Pin Kenwood  
HT Connection  
Gray Cable



### ANYTONE PROGRAMMING WITH RT SOFTWARE

AT-3188UV

### BAOFENG PROGRAMMING WITH RT SOFTWARE

|           |         |          |              |        |
|-----------|---------|----------|--------------|--------|
| 997-S     | BF-F8   | BF-F9    | BF-388A      | BF-888 |
| GT-3 UV-5 | UV-5R   | UV-5R+   | UV-5RA       | UV-5RC |
| UV-5RE    | UV-5RCX | UV-B5/B6 | UV-E5 UV-F11 | UV-82  |
| UV-89     |         |          |              |        |

### KENWOOD PROGRAMMING WITH RT SOFTWARE

TH-K2

TH-F6/F7

TH-K20

### POFUNG PROGRAMMING WITH RT SOFTWARE

|           |         |          |              |        |
|-----------|---------|----------|--------------|--------|
| 997-S     | BF-F8   | BF-F9    | BF-388A      | BF-888 |
| GT-3 UV-5 | UV-5R   | UV-5R+   | UV-5RA       | UV-5RC |
| UV-5RE    | UV-5RCX | UV-B5/B6 | UV-E5 UV-F11 | UV-82  |
| UV-89     |         |          |              |        |

### PUXING PROGRAMMING WITH RT SOFTWARE

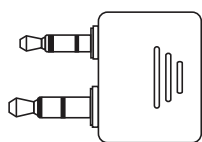
PX-UV9R

PX-UV973

# USB CABLE GUIDE

## USB-K4Y Continued

2-Pin Kenwood  
HT Connection  
Gray Cable



### TONFA PROGRAMMING WITH RT SOFTWARE

UV-985

### TDXONE PROGRAMMING WITH RT SOFTWARE

TD-Q8

TD-Q8A

### TYT PROGRAMMING WITH RT SOFTWARE

TH-UVF1

TH-UV8R

TH-UVF9

TH-UVF9D

### WOUXUN PROGRAMMING WITH RT SOFTWARE

KG-UVA1X

KG-UV1DP

KG-UV2D

KG-UV3D

KG-UV3X

KG-UV5D

KG-UV6D

UV-8D

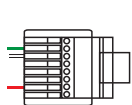
KG-UV6X

KG-UV8D

DB-16X

## USB-K5D

8-Pin Modular Plug  
Gray Cable



>> Not interchangeable with USB-A5R, USB-W5R or USB-PW1

### KENWOOD PROGRAMMING WITH RT SOFTWARE

TM-271

TM-281

TM-471

## USB-K5G

8-Pin Mini Din Plug  
Gray Cable



>> Not interchangeable with USB-62B or USB-81

### KENWOOD PROGRAMMING WITH RT SOFTWARE

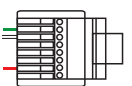
TM-V71

TM-D710

TM-D710G

## USB-PW1

8-Pin Modular Plug  
Red Cable



>> Not interchangeable with USB-K5D or USB-W5R

>> Can be used in place of USB-A5R

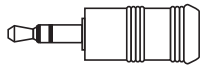
### POWERWERX PROGRAMMING WITH RT SOFTWARE

DB-750X

# USB CABLE GUIDE

## USB-RTS01

3.5mm Stereo Plug  
Black Cable



>> Not interchangeable with USB-29A

**ICOM** PROGRAMMING WITH RT SOFTWARE AND CAT (CONTROL) OPERATIONS  
WITH SOFTWARE FROM OTHER SOURCES

|             |                 |          |            |          |
|-------------|-----------------|----------|------------|----------|
| IC-R75      | IC-78           | IC-703   | IC-706MKII | IC-718   |
| IC-746/PRO* | IC-756 PRO III* | IC-7000* | IC-7100*   | IC-7200* |
| IC-7410*    | IC-7600         | IC-7700  | IC-7800    | IC-9100* |

Any radio that uses the Icom CT-17

\* RT Systems programming software available

## USB-RTS05

2.5mm Plug  
Orange Cable w/ Black Band



>> Not interchangeable with USB-82

**ICOM** PROGRAMMING WITH RT SOFTWARE

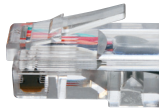
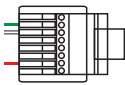
|         |         |       |       |        |
|---------|---------|-------|-------|--------|
| IC-80   | IC-2820 | ID-31 | ID-51 | ID-880 |
| ID-5100 |         |       |       |        |

**ICOM** DATA WITH SOFTWARE FROM OTHER SOURCES

|         |       |         |         |       |
|---------|-------|---------|---------|-------|
| IC-80   | IC-91 | IC-2200 | IC-2820 | D-880 |
| Id-5100 |       |         |         |       |

## USB-W5R

8-Pin Modular Plug  
Red Cable w/ Black Band



>> Not interchangeable with USB-A5R, USB-K5D or USB-PW1

**WOUXUN** PROGRAMMING WITH RT SOFTWARE

|           |           |           |
|-----------|-----------|-----------|
| KG-UV920P | KG-UV920R | KG-UV950P |
|-----------|-----------|-----------|

# SD CARD GUIDE

## SB CARD

USB Connection



**YAESU** PROGRAMMING WITH RT SOFTWARE

|       |         |
|-------|---------|
| FT-1D | FTM-400 |
|-------|---------|

# OTHER CABLES

## RTS-03

9-Pin Male Serial Plug  
Black Cable



### USB TO SERIAL ADAPTER

Creates a true RS-232 comport. This USB adapter transfers signal and data without interference. Great for use with most any serial cable and application.

Includes adapter and drivers. Compatible with Windows versions including Windows XP(SP3), Vista, Win 7, WIN 8 or 8.1 (full version) 32 or 64 bit.

## CT-27A

Cloning Cable  
Black Cable



## CT-28B

Adapter Cable  
Yellow Cable



## CT-39

Open Ended 6-Pin Mini Din  
Black Cable



## CT-53

Open Ended 4-Pin Mic Plug  
Black Cable



## CT-53R

Open Ended 4-Pin  
Right Angle Mic Plug  
Black Cable



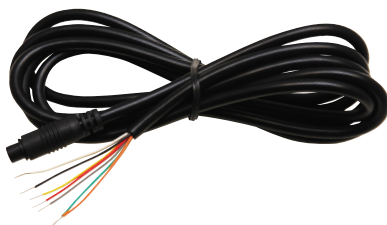
## OPC-1797

Speaker/Mic Adapter  
for the IC-92  
Black Cable



## VX-8 Open

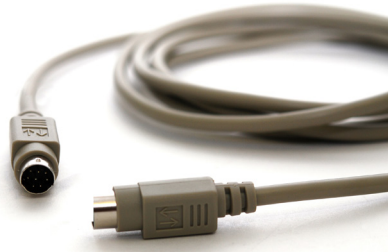
Open Ended 7-Pin  
VX8 Plug  
Black Cable



## OTHER CABLES

### RT-40

8-Pin Mini Din  
6 ft. Extension Cable  
Beige Cable



### RT-41

USB-A to Mini B  
6 ft. Cable  
Black Cable



### RT-42

USB-A to Mini B  
10 ft. Cable  
Black Cable



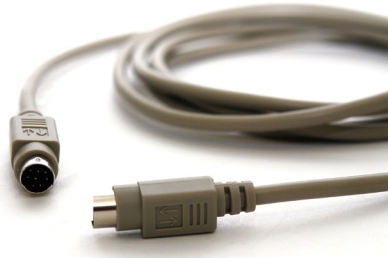
### RT-43

3.5 mm Stereo Plug  
Male to Female  
6 ft. Cable  
Black Cable



### RT-44

6 pin mini din  
Male to Female  
6 ft. Cable  
Beige Cable



# RADIO TO CABLE/SD CARD GUIDE

## ALINCO

| RADIO        | PROGRAM           | CABLE |
|--------------|-------------------|-------|
| DJ-A10 ..... | APK-A10/40 .....  | 29A   |
| DJ-A40 ..... | APK-A10/40 .....  | 29A   |
| DJ-100 ..... | APK-100 .....     | 29A   |
| DJ-175 ..... | APK-175 .....     | 29A   |
| DJ-G7 .....  | APK-G7 .....      | 57B   |
| DJ-G29 ..... | APK-G29 .....     | 57B   |
| DJ-V17 ..... | APK-V17 .....     | 57B   |
| DJ-V27 ..... | APK-V27 .....     | 57B   |
| DJ-V47 ..... | APK-V47 .....     | 57B   |
| DJ-V57 ..... | APK-V57 .....     | 57B   |
| DJ-500 ..... | APK-500 .....     | 29A   |
| DR-135 ..... | APK-135 .....     | 29A   |
| DR-138 ..... | APK-138/438 ..... | 29A   |
| DR-235 ..... | APK-235 .....     | 29A   |
| DR-435 ..... | APK-435 .....     | 29A   |
| DR-438 ..... | APK-138/438 ..... | 29A   |
| DR-635 ..... | APK-635 .....     | 29A   |
| DX-SR8 ..... | APK-SR8 .....     | 29A   |

## ANYTONE

| RADIO           | PROGRAM          | CABLE |
|-----------------|------------------|-------|
| AT-588 .....    | ATP-588 .....    | 29A   |
| AT-3188UV ..... | ATP-3188UV ..... | K4Y   |
| AT-5888UV ..... | ATP-5888UV ..... | A5R   |

## BAOFENG

| RADIO          | PROGRAM         | CABLE |
|----------------|-----------------|-------|
| 997S .....     | BAO-997-S ..... | K4Y   |
| BF-F8 .....    | BAO-F8 .....    | K4Y   |
| BF-F9 .....    | BAO-F9 .....    | K4Y   |
| BF-388A .....  | BAO-388A .....  | K4Y   |
| BF-888 .....   | BAO-888 .....   | K4Y   |
| GT-3 .....     | BAO-GT3 .....   | K4Y   |
| UV-5 .....     | BAO-5R .....    | K4Y   |
| UV-5R .....    | BAO-5R .....    | K4Y   |
| UV-5R+ .....   | BAO-5R .....    | K4Y   |
| UV-5RA .....   | BAO-5R .....    | K4Y   |
| UV-5RC .....   | BAO-5R .....    | K4Y   |
| UV-5RE .....   | BAO-5R .....    | K4Y   |
| UV-5RCX .....  | BAO-5R .....    | K4Y   |
| UV-B5/B6 ..... | BAO-B5/B6 ..... | K4Y   |
| UV-E5 .....    | BAO-E5 .....    | K4Y   |
| UV-F11 .....   | BAO-F11 .....   | K4Y   |
| UV-82 .....    | BAO-82 .....    | K4Y   |
| UV-89 .....    | BAO-89 .....    | K4Y   |

## ICOM

| RADIO            | PROGRAM         | CABLE   |
|------------------|-----------------|---------|
| IC-R2 .....      | WCS-R2 .....    | 29A     |
| IC-R6 .....      | WCS-R6 .....    | 29A     |
| IC-T2 .....      | WCS-T2 .....    | 29A     |
| IC-Q7 .....      | WCS-Q7 .....    | 57A     |
| IC-T7 .....      | WCS-T7 .....    | 29A     |
| IC-T8 .....      | WCS-T8 .....    | 29A     |
| IC-V8 .....      | WCS-V8 .....    | 29A     |
| IC-R10 .....     | WCS-R10 .....   | 29A     |
| IC-R20 .....     | WCS-R29 .....   | 29A     |
| IC-W32 .....     | WCS-W32 .....   | 29A     |
| IC-T70 .....     | WCS-T70 .....   | 29A     |
| IC-80 .....      | WCS-80 .....    | 29A*    |
| IC-V80 .....     | WCS-V80 .....   | 29A     |
| IC-T81 .....     | WCS-T81 .....   | 29A     |
| IC-U82 .....     | WCS-U82 .....   | 29A     |
| IC-V82 .....     | WCS-V82 .....   | 29A     |
| IC-V85 .....     | WCS-V85 .....   | 29A     |
| IC-T90 .....     | WCS-T90 .....   | 29A     |
| IC-91 .....      | WCS-91 .....    | 29A     |
| IC-92 .....      | WCS-92 .....    | 92      |
| IC-208 .....     | WCS-208 .....   | 29A     |
| IC-746 .....     | WCS-746 .....   | RTS01   |
| IC-746 PRO ..... | WCS-746 .....   | RTS01   |
| IC-756 PRO ..... | WCS-756 .....   | RTS01   |
| IC-2100 .....    | WCS-2100 .....  | 29A     |
| IC-2200 .....    | WCS-2200 .....  | 29A     |
| IC-2300 .....    | WCS-2300 .....  | 29A     |
| IC-2720 .....    | WCS-2720 .....  | 29A     |
| IC-2820 .....    | WCS-2820 .....  | 29A*    |
| IC-7000 .....    | WCS-7000 .....  | RTS01   |
| IC-7100 .....    | WCS-7100 .....  | RTS01** |
| IC-7200 .....    | WCS-7200 .....  | RTS01** |
| IC-7410 .....    | WCS-7410 .....  | RTS01   |
| IC-V8000 .....   | WCS-V8000 ..... | 29A     |
| IC-9100 .....    | WCS-9100 .....  | RTS01** |
| ID-31 .....      | WCS-D31 .....   | RTS05   |
| ID-51 .....      | WCS-D51 .....   | RTS05   |
| ID-800 .....     | WCS-800 .....   | 29A     |
| ID-880 .....     | WCS-880 .....   | 29A*    |
| ID-5100 .....    | WCS-D5100 ..... | 29A*    |

\* Can use USB-RTS05 for programming with RT Software or Data with other software.

\*\* Can use standard USB-A to USB-B cable.

## JETSTREAM

| RADIO        | PROGRAM       | CABLE |
|--------------|---------------|-------|
| JT-220 ..... | RPS-220 ..... | 29A   |
| JT-222 ..... | RPS-222 ..... | 29A   |

## KENWOOD

| RADIO          | PROGRAM           | CABLE |
|----------------|-------------------|-------|
| TH-K2 .....    | KRS-K2 .....      | K4Y   |
| TH-F6/F7 ..... | KR S-F6 .....     | K4Y   |
| TH-D7G .....   | KRS-D7G .....     | 82    |
| TH-K20 .....   | KRS-K20 .....     | 4KY   |
| TH-D72 .....   | Software Only*    |       |
| TM-V7A .....   | KRS-V7A .....     | K4S   |
| TM-V71 .....   | KRS-V71 .....     | K5G   |
| TM-271 .....   | KRS-271/281 ..... | K5D   |
| TM-281 .....   | KRS-271/281 ..... | K5D   |
| TM-471 .....   | KRS-471 .....     | K5D   |
| TM-D700 .....  | KRS-D700 .....    | 63    |
| TM-G707 .....  | KRS-G707 .....    | K4S   |
| TM-D710 .....  | KRS-D710 .....    | K5G   |
| TM-D710G ..... | KRS-D710G .....   | K5G   |
| TS-480 .....   | KRS-480 .....     | 63    |
| TS-590 .....   | KRS-590 .....     | 63    |
| TS-2000 .....  | KRS-2000 .....    | 63    |

\*Use cable that came with radio.

## POFUNG

| RADIO          | PROGRAM         | CABLE |
|----------------|-----------------|-------|
| 997S .....     | PFG-997-S ..... | K4Y   |
| BF-F8 .....    | PFG-F8 .....    | K4Y   |
| BF-F9 .....    | PFG-F9 .....    | K4Y   |
| BF-388A .....  | PFG-388A .....  | K4Y   |
| BF-888 .....   | PFG-888 .....   | K4Y   |
| GT-3 .....     | PFG-GT3 .....   | K4Y   |
| UV-5 .....     | PFG-5R .....    | K4Y   |
| UV-5R .....    | PFG-5R .....    | K4Y   |
| UV-5R+ .....   | PFG-5R .....    | K4Y   |
| UV-5RA .....   | PFG-5R .....    | K4Y   |
| UV-5RC .....   | PFG-5R .....    | K4Y   |
| UV-5RE .....   | PFG-5R .....    | K4Y   |
| UV-5RCX .....  | PFG-5R .....    | K4Y   |
| UV-B5/B6 ..... | PFG-B5/B6 ..... | K4Y   |
| UV-E5 .....    | PFG-E5 .....    | K4Y   |
| UV-F11 .....   | PFG-F11 .....   | K4Y   |
| UV-82 .....    | PFG-82 .....    | K4Y   |
| UV-89 .....    | PFG-89 .....    | K4Y   |

## PUXING

| RADIO          | PROGRAM         | CABLE |
|----------------|-----------------|-------|
| PX-UV973 ..... | RPS-UV973 ..... | K4Y   |
| PX-UV9R .....  | RPS-UV9R .....  | K4Y   |

# RADIO TO CABLE/SD CARD GUIDE

## TDXONE

| RADIO        | PROGRAM       | CABLE |
|--------------|---------------|-------|
| TD-Q8.....   | RPS-Q8.....   | K4Y   |
| TD-Q8A ..... | RPS-Q8A ..... | K4Y   |

## TONFA

| RADIO       | PROGRAM      | CABLE |
|-------------|--------------|-------|
| UV-985..... | RPS-985..... | K4Y   |

## TYT

| RADIO         | PROGRAM        | CABLE |
|---------------|----------------|-------|
| TH-UVF1 ..... | RPS-UVF1 ..... | K4Y   |
| TH-UV8R.....  | RPS-UV8R.....  | K4Y   |
| TH-UVF9 ..... | RPS-UVF9 ..... | K4Y   |
| TH-UVF9D..... | RPS-UVF9D..... | K4Y   |
| TH-9000.....  | RPS-9000 ..... | 29A   |

## WOUXUN

| RADIO           | PROGRAM             | CABLE |
|-----------------|---------------------|-------|
| KG-UV1P.....    | RPS-KGUV1P.....     | K4Y   |
| KG-UVA1X.....   | RPS-UVA1X.....      | K4Y   |
| KG-UV2D.....    | RPS-KGUV2/3 .....   | K4Y   |
| KG-UV3D.....    | RPS-KGUV2/3 .....   | K4Y   |
| KG-UV3X .....   | RPS-KGUV3X .....    | K4Y   |
| KG-UV5D.....    | RPS-KGUV5D.....     | K4Y   |
| KG-UV8D.....    | RPS-KGUV8D.....     | K4Y   |
| KG-UV6D/6X..... | RPS-KGUV6 .....     | K4Y   |
| KG-UV920P.....  | RPS-KGUV920P .....  | W5R   |
| KG-UV920PA..... | RPS-KGUV920PA ..... | W5R   |
| KG-UV920PR..... | RPS-KGUV920PR.....  | W5R   |
| KG-UV950P.....  | RPS-KGUV950P .....  | W5R   |

## YAESU

| RADIO          | PROGRAM         | CABLE   |
|----------------|-----------------|---------|
| FT-1D.....     | ADMS-FT1D.....  | SD Card |
| FT-50.....     | ADMS-FT50.....  | 57A     |
| FT-60.....     | ADMS-1J .....   | 57A     |
| FT-90.....     | ADMS-FT90 ..... | 29C     |
| FT-250.....    | ADMS-250 .....  | 57A     |
| FT-270.....    | ADMS-270 .....  | 57B     |
| FT-277.....    | ADMS-277 .....  | 57B     |
| FT-450.....    | ADMS-450 .....  | 63      |
| FT-817/D ..... | ADMS-4AU .....  | 62B     |
| FT-847.....    | ADMS-847 .....  | 65      |
| FT-857/D ..... | ADMS-4BU .....  | 62B     |
| FT-897/D ..... | ADMS-4BU .....  | 62B     |
| FT-950.....    | ADMS-950 .....  | 63      |
| FT-1500.....   | ADMS-2F .....   | 29F     |

## YAESU

| RADIO            | PROGRAM          | CABLE   |
|------------------|------------------|---------|
| FT-1802.....     | ADMS-1802.....   | 29F     |
| FT-1807.....     | ADMS-1807.....   | 29F     |
| FT-1900.....     | ADMS-1900.....   | 29F     |
| FT-1907.....     | ADMS-1907.....   | 29F     |
| FT-2600.....     | ADMS-2600.....   | 29C     |
| FT-2800.....     | ADMS-2J .....    | 29F     |
| FT-2900.....     | ADMS-2900.....   | 29F     |
| FT-3000.....     | ADMS-3000.....   | 29B     |
| FT-7100.....     | ADMS-2G.....     | 29B     |
| FT-7800.....     | ADMS-2K.....     | 29B     |
| FT-7900.....     | ADMS-7900.....   | 29B     |
| FT-8000.....     | ADMS-8000.....   | 29B     |
| FT-8100.....     | ADMS-8100.....   | 29B     |
| FT-8500.....     | ADMS-8500.....   | 29B     |
| FT-8800.....     | ADMS-2I.....     | 29B     |
| FT-8900.....     | ADMS-2H.....     | 29B     |
| FT-DX1200 .....  | ADMS-DX1200..... | 63      |
| FT-DX3000 .....  | ADMS-DX3000..... | 63      |
| FT-DX5000 .....  | ADMS.....        | 63      |
| FTM-350 .....    | ADMS-350 .....   | 81      |
| FTM-400 .....    | ADMS-M400.....   | SD Card |
| VR-160 .....     | ADMS-VR160.....  | 29A     |
| VR-500 .....     | ADMS-3.....      | 29A     |
| VX-1 .....       | ADMS-VX1 .....   | 57A     |
| VX-2 .....       | ADMS-1H .....    | 57A     |
| VX-3 .....       | ADMS-VX3.....    | 57A     |
| VX-5 .....       | ADMS-VX5.....    | 57A     |
| VX-6 .....       | ADMS-VX6.....    | 57B     |
| VX-7 .....       | ADMS-1G.....     | 57B     |
| VX-8/D.....      | ADMS-VX8.....    | 59      |
| VX-8G.....       | ADMS-VX8G.....   | 82      |
| VX-110/150 ..... | ADMS-1F.....     | 57A     |
| VX-120/170 ..... | ADMS-170.....    | 57B     |
| VX-127/177 ..... | ADMS-177.....    | 57B     |

USB Cables  
Plug and Play  
No Comport Setup



# SYSTEM REQUIREMENTS

## Windows Compatibility:

Windows 7 or 8 or 8.1 (32 or 64 bit)  
Vista (32 or 64 bit)  
XP SP3 (32 or 64 bit)

## MAC Compatibility:

Windows 7, 8 or 8.1, Vista or XP running in Parallels,  
VM Fusion virtual machine, or Boot Camp. Other virtual  
machines provide questionable performance.

## Hardware Requirements:

Free on-board USB slot.  
Local CD Drive (for installation)  
25 MB hard drive space  
External DC power supply for HF and mobile radios.

# RT SYSTEMS CONTACT INFORMATION

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