

RT SYSTEMS RADIO PROGRAMMING SOFTWARE*

for radios* by:

- Alinco
- Anytone
- Baofeng
- Icom
- Jetstream
- Juontai
- Kenwood
- Liexen
- Pofung
- Powerwerx
- Puxing
- QYT
- SainSonic
- Ten-Tec
- TDXone
- Tonfa
- TYT
- Wouxun
- VGC
- Yaesu

rt SYSTEMS

RADIO PROGRAMMING MADE EASY

Product Guide 2015

	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	Br	Clock Shift	BANK 1
P1	145.50000	144.90000	600 kHz	Minus	Auto		None	100.0 Hz	023	RN-TN	1600 Hz	High (5 W)	Off	Auto				Off	Off		
2	147.24000	147.84000	600 kHz	Plus	Auto		None	100.0 Hz	023	RN-TN	1600 Hz	High (5 W)	Off	Auto				Off	Off		
3	146.94000	146.34000	600 kHz	Minus	Auto		None	100.0 Hz	023	RN-TN	1600 Hz	High (5 W)	Off	Auto				Off	Off		
4																					
5	445.52000	440.52000	5.00 MHz	Minus	Auto		None	100.0 Hz	023	RN-TN	1600 Hz	High (5 W)	Off	Auto				Off	Off		
6	443.00000	448.00000	5.00 MHz	Plus	Auto		None	100.0 Hz	023	RN-TN	1600 Hz	High (5 W)	Off	Auto				Off	Off		
7	446.25000	441.25000	5.00 MHz	Minus	Auto		None	100.0 Hz	023	RN-TN	1600 Hz	High (5 W)	Off	Auto				Off	Off		
8																					
9	50.00000	50.00000		Simplex	Auto		None	100.0 Hz	023	RN-TN	1600 Hz	High (5 W)	Off	Auto				Off	Off		
10	53.25000	53.25000		Simplex	Auto		None	100.0 Hz	023	RN-TN	1600 Hz	High (5 W)	Off	Auto				Off	Off		
11																					
12	14.02500	14.02500		Simplex	Auto		None	100.0 Hz	023	RN-TN	1600 Hz	High (5 W)	Off	Auto				Off	Off		
13	10.14000	10.14000																			
14																					
15	3.81000	3.81000																			
16	3.82500	3.82500																			
17																					
18	21.02500	21.02500																			
19	21.13500	21.13500																			
20																					
21	28.00000	28.00000																			
22	28.95550	28.00000																			
23	28.53500	28.53500																			
24	28.56000	28.56000																			
25	28.58500	28.58500																			
26	28.61000	28.61000																			
27																					
28																					
29																					

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

RT Systems Announces Version 5

The difference is in the installation... not the programmer.

- **The CD is not required for installation.**

The setup file can be copied to a thumb drive, a hard drive, or installed across a network.

- **An Internet connection is required during installation for activation.**

Or they can e-mail or call RT Systems with the information so we can register them manually. (If they are going to be using this in the field, they should see the necessity of having everything installed before they are out of range of an Internet or cell connection... plan ahead!)

- **The programmers install independently of each other.**

An additional installation will not cause existing programmers to stop working as it did occasionally in Versions 3, 4 and 4.50.

- **The programmers update independently.**

A problem with one update will not cause other programmers to stop working. This is faster since you don't have to wait through updating for all the installed programmers.



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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.**

The serial number for the programmer is found on the back of the CD sleeve.

Version 4: Installation must be done from the original CD on a local or mapped CD drive.

Version 5: The setup.exe file can be copied off the CD for installation. An Internet connection is required during installation for registration.

■ **I've lost the Serial Number.**

Version 4: 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.

Version 5: Contact RT Systems. You will need to have the email address you used when you registered the software during installation. If you have not yet installed or you do not know the email address you used, you will need proof of purchase to be issued a replacement serial number.

■ **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. 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?**

RT Systems is working on a version that will run on a Mac. We are trying to have some of the programmers released by December 2015.

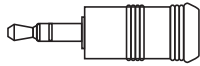
■ **Is your software compatible with Linux?**

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

USB CABLE GUIDE

USB-29A

3.5mm Stereo Plug
Blue Cable



>> *Not interchangeable with USB-RTS01*

ALINCO PROGRAMMING WITH RT SOFTWARE

DJ-A10	DJ-A11	DJ-A40	DJ-A41	DJ-100
DJ-175	DJ-500	DR-03	DR-06	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-W32	IC-T70	IC-80*
IC-V80	IC-T81	IC-U82	IC-V82	IC-V85
IC-T90	IC-91A/D	IC-208	IC-2100	IC-2200
IC-2300	IC-2720	IC-2730	IC-2820*	IC-V8000
ID-5100**	ID-800	ID-880*		

* 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

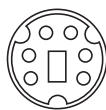
TH-9000

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*

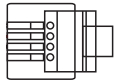
YAESU PROGRAMMING WITH RT SOFTWARE

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

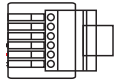
YAESU PROGRAMMING WITH RT SOFTWARE

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

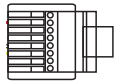
FT-1907

FT-2800

FT-2900

USB-30

8-Pin Modular Plug
Red Cable w/ White Band



>> Not interchangeable with USB-31, USB-A5R, USB-W5R or USB-K5D

JETSTREAM PROGRAMMING WITH RT SOFTWARE

JT-270M

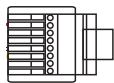
LEIXEN PROGRAMMING WITH RT SOFTWARE

VV-808

VV-898

USB-31

8-Pin Modular Plug
Red Cable w/ Orange Band



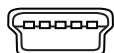
>> Not interchangeable with USB-30, USB-A5R, USB-W5R or USB-K5D

POFUNG/BAOFENG PROGRAMMING WITH RT SOFTWARE

BF-9500

USB-32

Mini-B Plug
Black Cable



TYT PROGRAMMING WITH RT SOFTWARE

TH-UV3R

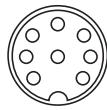
TH-7800

TH-9800

USB CABLE GUIDE

USB-38

8-Pin Mic Jack
Red Cable

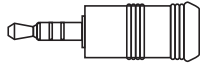


ALINCO PROGRAMMING WITH RT SOFTWARE

DR-638

USB-57A

4-Conductor 3.5mm Plug
Red Cable



>> *Not interchangeable with USB-57B or USB 72*

ICOM PROGRAMMING WITH RT SOFTWARE

IC-Q7

TDXONE PROGRAMMING WITH RT SOFTWARE

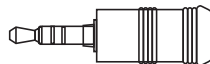
TD-Q3

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-59

Unique 7-Pin Plug
Blue Cable



YAESU PROGRAMMING WITH RT SOFTWARE (only)

VX-8	VX-8D	<i>NOT for VX-8G (see USB-82)</i>
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USB CABLE GUIDE

USB-60

6-Pin Din Plug
Blue Cable



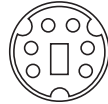
>> *Not interchangeable with USB-69*

YAESU CAT (CONTROL) OPERATIONS WITH SOFTWARE FROM OTHER SOURCES

FT-990 FT-1000D FRG-100

USB-61

6-Pin Mini Din
Black Cable w/ Orange Band



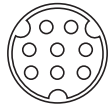
>> *Not interchangeable with USB-29B or USB-K4S*

YAESU CAT (CONTROL) OPERATIONS WITH SOFTWARE FROM OTHER SOURCES

FT-840 FT-890 FT-900

USB-62C

8-Pin Mini Din Plug
White Cable



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

The USB-62 cable works with many Yaesu radios for programming with RT Software, CAT (control) operations with software from other sources, and/or radio firmware upgrades from the manufacturers.

YAESU CAT (CONTROL) OPERATIONS WITH SOFTWARE FROM OTHER SOURCES

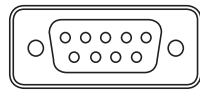
FT-100 FT-817* FT-817/ND* FT-857* FT-857/D*
FT-897* FT-897/D*

* 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-590S*
TS-590SG*	TS-990	TS-2000*		

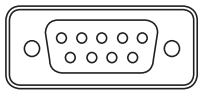
YAESU

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

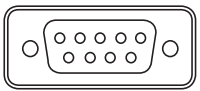
Jupiter Models Omni VII Models Orion Models Orion II Models Receivers

YAESU

FT-920

USB-65

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



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

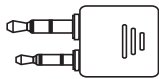
YAESU PROGRAMMING WITH RT SOFTWARE AND CAT (CONTROL) OPERATIONS WITH SOFTWARE FROM OTHER SOURCES

FT-847

USB CABLE GUIDE

USB-67

Narrow 2-Pin HT
Mic Jack Plug
Green Cable



>> *Not interchangeable with USB-PX5*

TERA PROGRAMMING WITH RT SOFTWARE

TR-500 TR-590

USB-68

Special Yaesu HT Connection
Yellow Cable

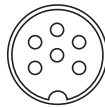


YAESU PROGRAMMING WITH RT SOFTWARE

FT-1D FT-2D

USB-69

6 Pin Din
Yellow Cable



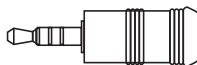
>> *Not interchangeable with USB-60*

KENWOOD CONTROLL WITH SOFTWARE FROM OTHER SOURCES

TS-440S TS-450S TS-680S TS690S TS-790
TS850S TS-940S TS-950S

USB-72

4-Conductor 3.5mm Plug
Red Cable w/ White Band



>> *Not interchangeable with USB-57A or USB-57B*

JUENTAI PROGRAMMING WITH RT SOFTWARE

JT-6188

QYT PROGRAMMING WITH RT SOFTWARE

KT-8900 KT-UV980

USB-81

8-Pin Mini Din Plug
Red Cable



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

VGC

VR-6600PRO

YAESU PROGRAMMING WITH RT SOFTWARE. FIRMWARE UPGRADES FROM YAESU

FTM-350

USB CABLE GUIDE

USB-82

2.5mm Stero Plug
Orange Cable



>> *Not interchangeable with USB-RTS05*

KENWOOD PROGRAMMING WITH RT SOFTWARE

TH-D7A 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



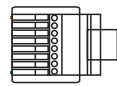
>> *Not interchangeable with USB-92*

ICOM DATA WITH SOFTWARE FROM OTHER SOURCES

IC-92 The only USB data cable for the IC-92

USB-A5R

8-Pin Modular Plug
Red Cable w/ Yellow Band



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

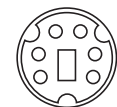
>> *Can be used in place of USB-PW1*

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 CABLE GUIDE

USB-K4Y

2-Pin Kenwood
HT Connection
Gray Cable



ANYTONE PROGRAMMING WITH RT SOFTWARE

AT-398D	AT-518UV	AT-5189	AT-588	AT-3140UV
AT-3208	AT-3318UVA	AT-3318UVC	AT-3318UVD	AT-3318UVE
ANILE-8R	NSTIG-8R	OBLTR-8R	TERMN-8R	

KENWOOD PROGRAMMING WITH RT SOFTWARE

TH-K2	TH-F6/F7	TH-K20
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POFUNG/BAOFENG PROGRAMMING WITH RT SOFTWARE

997-S	BF-UVB2PLUS	BF-F8	BF-F9	BF-388A
BF-530	BF-888	GT-1	GT-3	GT-5
UV-5R	UV-5R+	UV-5RA	UV-5RC	UV-5RE
UV-5RCX	UV-B5/B6	UV-E5	UV-6/UV-6R	UV-8HX
UV-F11	UV-66	UV-82	UV-89	UV-920
UV-TEN4				

PUXING PROGRAMMING WITH RT SOFTWARE

PX-UV9R	PX-777	PX-888	PX-UV973
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SAIN SONIC PROGRAMMING WITH RT SOFTWARE

RST-567	RST-599
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TONFA PROGRAMMING WITH RT SOFTWARE

TF-Q5	TF-Q7	UV-985
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TDXONE PROGRAMMING WITH RT SOFTWARE

TD-Q3	TD-Q8	TD-Q8A
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TYT PROGRAMMING WITH RT SOFTWARE

TH-UVF1	TH-UV6R	TH-F8	TH-UVF8D	TH-UV8R
TH-UVF9	TH-UVF9D	TH-UV8000D		

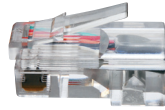
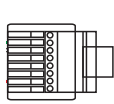
WOUXUN PROGRAMMING WITH RT SOFTWARE

KG-UVA1X	KG-UV1DP	KG-UV2D	KG-UV3D	KG-UV3X
KG-UV5D	KG-UV6D	UV-8D	KG-UV9	KG-UV9D
KG-UV6X	KG-UV8D	DB-16X		

USB CABLE GUIDE

USB-K5D

8-Pin Modular Plug
Gray Cable



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

KENWOOD PROGRAMMING WITH RT SOFTWARE

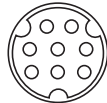
TM-271

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

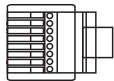
TM-V71

TM-D710

TM-D710G

USB-PW1

8-Pin Modular Plug
Red Cable



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

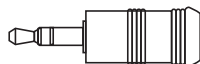
>> Can be used in place of USB-A5R

POWERWERX PROGRAMMING WITH RT SOFTWARE

DB-750X

USB-RTS01

3.5mm Stereo Plug
Black Cable



>> Not interchangeable with USB-29A

The USB-RTS01 cable works with many Icom radios for programming with RT Software, CAT (control) operations with software from other sources, and/or radio firmware upgrades from the manufacturers.

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-735

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 CABLE GUIDE

USB-RTS05

2.5mm Plug
Orange Cable w/ Black Band



- >> Not interchangeable with USB-82
- >> Can also be used for firmware upgrades from the manufacturer.

ICOM PROGRAMMING WITH RT SOFTWARE

IC-80	IC-2820	ID-31	ID-51	ID-51+
ID-51 ANIV	ID-880	ID-5100		

ICOM DATA WITH SOFTWARE FROM OTHER SOURCES

IC-80	IC-91	IC-2200	IC-2820	ID-31
ID-51	ID-51+	ID-51Aniv	ID-880	ID-5100

RT-42

USB-A to USB-B
Black Cable



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

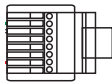
IC-7200	IC-7410	IC-7600	IC-9100
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YAESU PROGRAMMING WITH RT SOFTWARE AND CAT (CONTROL) OPERATIONS WITH SOFTWARE FROM OTHER SOURCES

FT-991

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
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SD CARD GUIDE

SB CARD

USB Connection



YAESU PROGRAMMING WITH RT SOFTWARE

FT-1D	FT-2D	FTM-100	FTM-400
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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 and Windows 10.

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

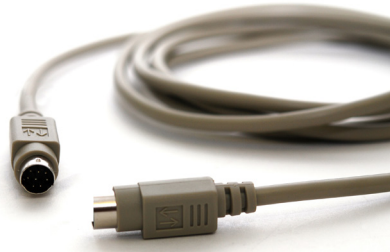
Open Ended 7-Pin
VX8 Plug
Black Cable



OTHER CABLES

RT-40

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



RT-42

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



RT-41

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



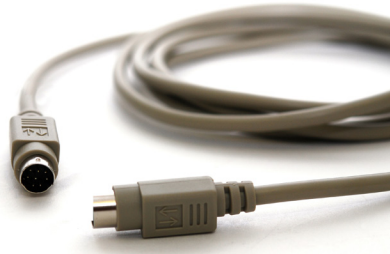
RT-43

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



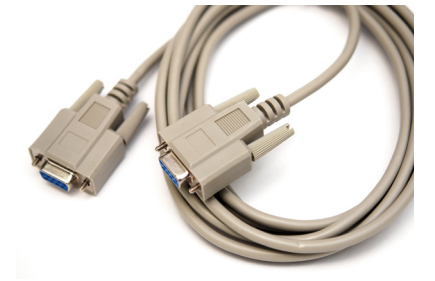
RT-44

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



RT-45

DB Female to Female
6 ft. Cable
Beige Cable



RT-46

DB Female to Female
10 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-A11	APK-A11/41	29A
DJ-A41	APK-A11/41	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-03	APK-DR03	29A
DR-06	APK-DR06	29A
DR-135	APK-135	29A
DR-138	APK-138/438	29A
DR-438	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
DR-638	APK-638	38
DR-B185	APK-B185	29A
DX-SR8	APK-SR8	29A

ANYTONE

RADIO	PROGRAM	CABLE
AT-398D	ATP-398D	K4Y
AT-518UV	ATP-518	K4Y
AT-588	ATP-588	29A
AT-3140UV	ATP-3140	K4Y
AT-3208	ATP-3208	K4Y
AT-3188UVA	ATP-3318A	K4Y
AT-3188UVC	ATP-3318C	K4Y
AT-3188UVD	ATP-3318D	K4Y
AT-3188UVE	ATP-3318E	K4Y
AT-5189	ATP-5189	K4Y
AT-5888UV	ATP-5888	A5R
ANILE-8R	ATP-LE8R	K4Y
NSTIG-8R	ATP-G8R	K4Y
OBLTR-8R	ATP-TR8R	K4Y
TERMN-8R	ATP-N8R	K4Y

ICOM

RADIO	PROGRAM	CABLE
IC-R2	WCS-R2	29A
IC-R5	WCS-R5	29A
IC-T2	WCS-T2	29A

ICOM

RADIO	PROGRAM	CABLE
IC-R6	WCS-R6	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-R20	NONE
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-2730	WCS-2730	29A
IC-2800	WCS-2800	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-51+	WCS-D51	RTS05
ID-51 ANIV	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
JT-270M	RPS-270M	30

JUENTAI

RADIO	PROGRAM	CABLE
JT-6188	JPS-6188	72

KENWOOD

RADIO	PROGRAM	CABLE
TH-K2	KRS-K2	K4Y
TH-F6	KR S-F6	K4Y
TH-F7	KR S-F6	K4Y
TH-D7A	KRS-D7	82
TH-D7G	KRS-D7	82
TH-K20	KRS-K20	4KY
TH-D72	KRS-D72	NONE
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-D710	K5G
TS-480	KRS-480	63
TS-590S	KRS-590	63
TS-590SG	KRS-590	63
TS-2000	KRS-2000	63

*Use cable that came with radio.

LEIXEN

RADIO	PROGRAM	CABLE
VV-808	LXN-808	30
VV-898	LXN-898	30

POFUNG/BAOFENG

RADIO	PROGRAM	CABLE
997S	BAO-997-S	K4Y
BF-UVB2PLUS	BAO-UVB2	K4Y
BF-F8	BAO-F8	K4Y
BF-F9	BAO-F9	K4Y
BF-388A	BAO-388A	K4Y
BF-530	PGF-530	K4Y
BF-666	BAO-666	K4Y
BF-888	BAO-888	K4Y
BF-9500	PGF-9500	31
GT-1	PGF-GT1	K4Y
GT-3	BAO-GT3	K4Y
GT-5	PGF-GT5	K4Y
UV-5	BAO-5R	K4Y
UV-5R	BAO-5R	K4Y
UV-5R+	BAO-5R	K4Y

RADIO TO CABLE/SD CARD GUIDE

POFUNG/BAOFENG

RADIO	PROGRAM	CABLE
UV-5RA	BAO-5R	K4Y
UV-5RC	BAO-5R	K4Y
UV-5RE	BAO-5R	K4Y
UV-5RCX	BAO-5R	K4Y
UV-5RV2+	BAO-5R	K4Y
UV-5RTP	BAO-5R	K4Y
UV-B5/B6	BAO-B5/B6	K4Y
UV-E5	BAO-E5	K4Y
UV-6/UV-6R	BAO-UV6	K4Y
UV-F11	BAO-F11	K4Y
UV-66	PGF-66	K4Y
UV-82	BAO-82	K4Y
UV-89	BAO-89	K4Y
UV-8HX	BAO-8HX	K4Y
UV-920	PGF-920	K4Y
UV-TEN4	PGF-TEV4	K4Y

PUXING

RADIO	PROGRAM	CABLE
PX-777	RPS-777	K4Y
PX-888	RPS-888	K4Y
PX-UV9R	RPS-UV9R	K4Y
PX-UV973	RPS-UV973	K4Y

QYT

RADIO	PROGRAM	CABLE
KT-8900	RPS-8900	72
KT-UV980	RPS-UV980	72

SAIN SONIC

RADIO	PROGRAM	CABLE
RST-567	SPS-567	K4Y
RST-599	SPS-599	K4Y

TDXONE

RADIO	PROGRAM	CABLE
TD-Q3	RPS-Q3	57A
TD-Q7	RPS-Q7	K4Y
TD-Q8	RPS-Q8	K4Y

TONFA

RADIO	PROGRAM	CABLE
TF-Q5	RPS-Q5	K4Y
UV-985	RPS-985	K4Y

TYT

RADIO	PROGRAM	CABLE
TH-UVF1	RPS-UVF1	K4Y
TH-UV3R	RPS-UV3R	32
TH-UV6R	RPS-UV6R	K4Y
TH-F8	RPS-TH8	K4Y
TH-UVF8D	RPS-TH8	K4Y
TH-UV8R	RPS-TH8	K4Y
TH-UVF9	RPS-TH9	K4Y
TH-UVF9D	RPS-TH9	K4Y
TH-UV-8000D	RPS-UV8000D	K4Y
TH-7800	RPS-7800	32
TH-9000	RPS-9000	29A
TH-9800	RPS-9800	32

WOUXUN

RADIO	PROGRAM	CABLE
KG-UVD1P	RPS-KGUV1P	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-UV9D	RPS-KGUV9D	K4Y
KG-UV6D	RPS-KGUV6	K4Y
KG-UV6X	RPS-KGUV6	K4Y
KG-UV899	RPS-KGUV899	K4Y
KG-UV920P	RPS-KGUV920P	W5R
KG-UV950P	RPS-KGUV950P	W5R

YAESU

RADIO	PROGRAM	CABLE
FT-1D	ADMS-FT1D	NONE***
FT-2D	ADMS-FT2D	68*
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-4A	62C
FT-847	ADMS-847	65
FT-857/D	ADMS-4B	62C
FT-897/D	ADMS-4B	62C
FT-991	ADMS-991	RT42
FT-950	ADMS-950	63
FT-1500	ADMS-2F	29F
FT-1802	ADMS-1802	29F
FT-1807	ADMS-1807	29F
FT-1900	ADMS-1900	29F

YAESU

RADIO	PROGRAM	CABLE
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
FTM-100	ADMS-M100	NONE*
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	ADMS-1F	57A
VX-120	ADMS-170	57B
VX-127	ADMS-177	57B
VX-150	ADMS-1F	57A
VX-170	ADMS-170	57B
VX-177	ADMS-177	57B

* Can use SD card & reader.

** Can use SCU-20 cable in radio version 2.0 or higher.

*** Can use SCU-18, SCU-19, SD Card or USB-68 cable.

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.



SYSTEM REQUIREMENTS

Windows Compatibility:

XP SP3 (32 or 64 bit)
Windows 7 or 8 or 8.1 (32 or 64 bit)
Windows 8 or 8.1 (full version)
Windows 10

MAC Compatibility:

Windows 7, 8 or 8.1, 10, or XP (SP3) running in Parallels or VM Fusion virtual machine. Other virtual machines provide questionable performance.
Mac version releases anticipated December 2015.

Hardware Requirements:

Free on-board USB slot.
External DC power supply for HF and mobile radios.

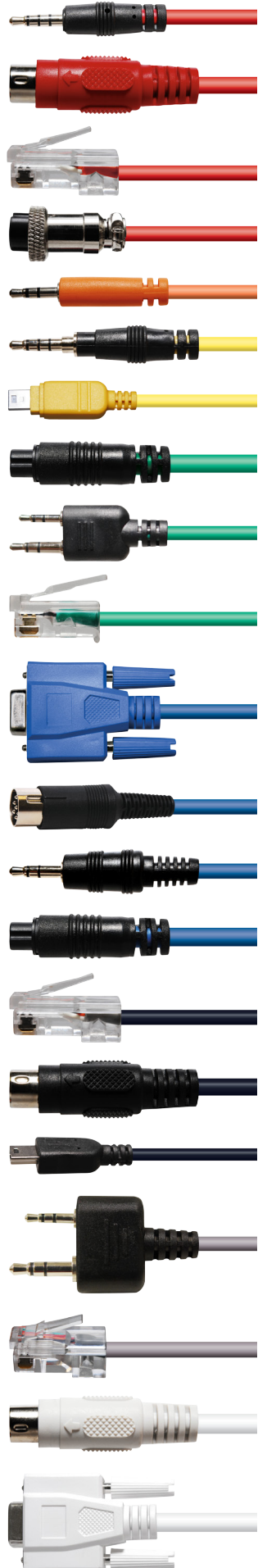
RT SYSTEMS CONTACT INFORMATION

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 Broomfield, Colorado 80020

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www.rtsystemsinc.com

Sales: 800-921-4834

Tech Support: 303-586-6510

by American Hams who know the radios
and understand the features.

510 Compton Street, Suite 105
Broomfield, Colorado 80020