For radios* by:

Abbree	Kenwood	Socotran
Alinco	Liexen	TalkPod
Anysecu	Luiton	Ten-Tec
Anytone	Midland	Tera
Baofeng	Pofung	TDXone
Baojie	Powerwerx	Tokmate
BTech	Puxing	Tonfa
HYS	Quansheng	TYT
Icom	QYT	VGC
Jetstream	Radioddity	Wouxun
Jimtom	Retevis	Yaesu
Jingtong	Rugged Radio	Zastone
Juentai	SainSonic	

rt SYSTEMS

RADIO PROGRAMMING MADE EASY

Product Guide 2020

** 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.

RADIO PROGRAMMING MADE EASY

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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, Hypermemories (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
DR-735	DR-B185	DX-SR8		

ANYTONE PROGRAMMING WITH RT SOFTWARE

AT-588

ICOM PROGRAMMING WITH RT SOFTWARE

IC-R2	IC-T2	IC-R5	IC-R6	IC-T7
IC-T8	IC-V8	IC-R10	IC-W32	IC-T70
IC-80*	IC-U80	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-2800	IC-2820*	IC-V86	IC-V8000	IC-R8600
ID-4100	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

LUITON PROGRAMMING WITH RT SOFTWARE

LT-580 LT-590

RETEVIS PROGRAMMING WITH RT SOFTWARE

RUGGED RADIO PROGRAMMING WITH RT SOFTWARE

RM45-U RM50-UV RM60-V

TYT PROGRAMMING WITH RT SOFTWARE

TH-9000

YAESU PROGRAMMING WITH RT SOFTWARE

VR-160 VR-500

YAESU CABLE ONLY

VR-120

USB CABLE GUIDE

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-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 FT-2980 FTM-3100 FTM-3200
FTM-7250

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 VV-998S

LUITON PROGRAMMING WITH RT SOFTWARE

LT-898UV LT-925UV

SAIN SONIC PROGRAMMING WITH RT SOFTWARE

VV-898E

USB CABLE GUIDE

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

RUGGED RADIO PROGRAMMING WITH RT SOFTWARE

ABM25 RM25-WP

TYT PROGRAMMING WITH RT SOFTWARE

TH-UV3R TH-7800 TH-8200 TH-8600 TH-9800

ZSATONE PROGRAMMING WITH RT SOFTWARE

MP-800

USB-38

8-Pin Mic Jack
Red Cable

ALINCO PROGRAMMING WITH RT SOFTWARE

DR-638

USB-39

6-Pin Modular Plug
Green Cable w/Orange Band

>> *Not interchangeable with USB-29F*

BAOJIE PROGRAMMING WITH RT SOFTWARE

BJ-9900

HYS PROGRAMMING WITH RT SOFTWARE

TC-889G TC-MAUV11

USB-50

8-Pin Modular Plug
Gray Cable w/Blue Band

>> *Not interchangeable with USB-K5D*

ANYSECU PROGRAMMING WITH RT SOFTWARE

RPS-218.....TM-218

BAOJIE PROGRAMMING WITH RT SOFTWARE

BJ-UV55 BJ-218

HYS PROGRAMMING WITH RT SOFTWARE

TC-M10W

LUITON PROGRAMMING WITH RT SOFTWARE

LT-725UV

TOKMATE PROGRAMMING WITH RT SOFTWARE

TM-218

USB-55

2.5mm Stero Plug
Orange Cable w/Blue Band

>> *Not interchangeable with USB-82 or USB-RTS05*

YAESU PROGRAMMING WITH RT SOFTWARE

FT-4V FT-4X FT-25 FT-65

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 CABLE GUIDE

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 FT-70D 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 *NOT for VX-8G (see USB-82)*

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-62C 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-818	FT-857*
FT-857/D*	FT-897*	FT-897/D*		

** RT Systems programming software available*

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 CABLE GUIDE

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-67

Narrow 2-Pin HT Mic Jack Plug
Green Cable

>> *Not interchangeable with USB-PX5*

TERA PROGRAMMING WITH RT SOFTWARE

TR-500 TR-505 TR-590

USB-68

Special Yaesu HT Connection
Yellow Cable

YAESU PROGRAMMING WITH RT SOFTWARE

FT-1D FT-2D FT-3D

USB-69

6 Pin Din
Yellow Cable

>> *Not interchangeable with USB-60*

KENWOOD CONTROLL WITH SOFTWARE FROM OTHER SOURCES

TS-450S TS690S TS-790 TS850S TS-950S

USB-70

3.5mm Stereo Plug
Blue Cable/White Band

>> *Not interchangeable with USB-29A, USB-RTS01*

BTECH PROGRAMMING WITH RT SOFTWARE

GMRS-50X1 UV-25X2 UV-25X4 UV-50X2 UV-2501
UV-5001 UV-2501+220

HESENATE PROGRAMMING WITH RT SOFTWARE

MT-225D MT-225E MT-250D

JETSTREAM PROGRAMMING WITH RT SOFTWARE

JT-2705M

JUENTAI PROGRAMMING WITH RT SOFTWARE

JT-6188

LUITON PROGRAMMING WITH RT SOFTWARE

LT-425UV LT-588UV LT-598UV LT-825UV

QYT PROGRAMMING WITH RT SOFTWARE

KT-780 PLUS KT-7900D KT-8900 KT-8900D KT-8900R
KT-UV980 KT-UV980PLUS

RADIODDITY PROGRAMMING WITH RT SOFTWARE

DB25 QB-25

RUGGED RADIOS PROGRAMMING WITH RT SOFTWARE

RM100-V

SAIN SONIC PROGRAMMING WITH RT SOFTWARE

GT-890

SOCOTRAN PROGRAMMING WITH RT SOFTWARE

ST-980PLUS ST-7900D

USB CABLE GUIDE

USB-70

3.5mm Stereo Plug
Blue Cable/White Band

>> *Not interchangeable with USB-29A, USB-RTS01*

TALKPOD PROGRAMMING WITH RT SOFTWARE

TP-780

ZASTONE PROGRAMMING WITH RT SOFTWARE

MP-300

USB-72

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

>> *Not interchangeable with USB-57A,*

BTECH PROGRAMMING WITH RT SOFTWARE

UV-2501

JUENTAI PROGRAMMING WITH RT SOFTWARE

JT-6188

LUITON PROGRAMMING WITH RT SOFTWARE

LT-825

QYT PROGRAMMING WITH RT SOFTWARE

KT-8900 KT-8900R

SAIN SONIC PROGRAMMING WITH RT SOFTWARE

GT-890

ZASTONE PROGRAMMING WITH RT SOFTWARE

MP-300

USB-73

HT Connector
Black Cable

BAOFENG PROGRAMMING WITH RT SOFTWARE

BF-9700 GT-3WP UV-9R UV-XR

USB-74

X

RUGGED RADIOS PROGRAMMING WITH RT SOFTWARE

RDH-16

USB-81

8-Pin Mini Din Plug
Red Cable

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

BTECH
UV-50X3

VGC
VR-6600

YAESU PROGRAMMING WITH RT SOFTWARE. FIRMWARE UPGRADES FROM YAESU

FTM-350

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 CABLE GUIDE

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*

MIDLAND PROGRAMMING WITH RT SOFTWARE

DBR2500

ANYTONE PROGRAMMING WITH RT SOFTWARE

AT-5189 AT-5888UV AT-5888 III AT-778UV

RETEVIS PROGRAMMING WITH RT SOFTWARE

RT-95

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

ABBREE PROGRAMMING WITH RT SOFTWARE

AR-889G AR-F6 AR-F8

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

BTECH PROGRAMMING WITH RT SOFTWARE

GMRS-V1 UV-5X3

HESENATE PROGRAMMING WITH RT SOFTWARE

HT-UV5R HT-UV8R HT-UV82

HYS PROGRAMMING WITH RT SOFTWARE

TC-889G

JIMTOM PROGRAMMING WITH RT SOFTWARE

KT-598

JINGTONG PROGRAMMING WITH RT SOFTWARE

JT-5988HP

JUENTAI PROGRAMMING WITH RT SOFTWARE

JT-UV007 JT-UV6DR JT-UV8DR JT-UV9DR

KENWOOD PROGRAMMING WITH RT SOFTWARE

TH-K2 TH-F6/F7 TH-K20 TH-G71

LEXIEN PROGRAMMING WITH RT SOFTWARE

NOTE

USB CABLE GUIDE

USB-K4Y

2-Pin Kenwood HT Connection
Gray Cable

LUITON PROGRAMMING WITH RT SOFTWARE

LT-25W LT-316 UV-10W

POFUNG/BAOFENG PROGRAMMING WITH RT SOFTWARE

997-S B-580T BF-235 BF-388A BF-530
BF-666S BF-777 BF-888 BF-F8 BF-F9
BF-R3 BF-UVB2PLUS BF-UV 3PLUS BF-V8 DAYTONA
GT-1
GT-3 GT-5 UV-5R UV-5R+ UV-5RA
UV-5RC UV-5RE UV-5RCX UV-5R-3 UV-5X MATE
-B5/B6 UV-E5 UV-6/UV-6R UV-8D UV-8HX
UV-8R UV-9 UV-9+ UV-9 ERA 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

QUANSHENG PROGRAMMING WITH RT SOFTWARE

TG-UV2 UV-R50

RADIODDITY PROGRAMMING WITH RT SOFTWARE

GA-510

RETEVIS PROGRAMMING WITH RT SOFTWARE

H777 R888 RT-5R RT7 RT21
RT-22 RT-B6

RUGGED RADIO PROGRAMMING WITH RT SOFTWARE

RH5R-V2 RH-5SL RH5X-V2 RH-16C

SAIN SONIC PROGRAMMING WITH RT SOFTWARE

RST-567 RST-599

TONFA PROGRAMMING WITH RT SOFTWARE

TF-Q5 TF-Q7 UV-985

USB-K4Y

2-Pin Kenwood HT Connection
Gray Cable

TDXONE PROGRAMMING WITH RT SOFTWARE

TD-Q3 TD-Q8 TD-Q8A

TYT PROGRAMMING WITH RT SOFTWARE

TH-350 TH-F5 TH-F8 TH-UVF1 TH-UV6R
TH-UVF8D TH-UV8R TH-UV88 TH-UVF9 TH-UVF9D
TH-UV8000D

WLN PROGRAMMING WITH RT SOFTWARE

KD-C1

WOUXUN PROGRAMMING WITH RT SOFTWARE

KG-833 KG-UVA1X KG-UV1DP KG-UV2D KG-UV3D
KG-UV3X KG-UV5D KG-UV6D KG-UV6X KG-UV8D
KG-UV8T KG-UV9D KG-UV9K KG-UV9P

ZASTONE PROGRAMMING WITH RT SOFTWARE

ZT-889G ZT-A19 ZT-X6

USB-K5D

8-Pin Modular Plug
Gray Cable

>> *Not interchangeable with USB-50, 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 CABLE GUIDE

USB-PW1

8-Pin Modular Plug
Red Cable

>> Not interchangeable with USB-71, USB-K5D or USB-W5R
>> Can be used in place of USB-A5R

POWERWERX PROGRAMMING WITH RT SOFTWARE

DB-750X

USB-RTS01

3.5mm Stero 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-R8500	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
>> Can also be used for firmware upgrades from the manufacturer.

ICOM PROGRAMMING WITH RT SOFTWARE

IC-80	IC-2820	ID-31	ID-31PLUS	ID-51
ID-51PLUS	ID-51PLUS2	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

USB CABLE GUIDE

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 KG-UV980H KG-UV5R

RT-41

USB-A to mini B Cable
Black Cable

KENWOOD PROGRAMMING WITH RT SOFTWARE

TH-D7A

ICOM PROGRAMMING WITH RT SOFTWARE

IC-7100

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-7610 IC-9100

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

FT-891 FT-991 FT-991A

RT-49

USB-A to Micro B
Black Cable

KENWOOD PROGRAMMING WITH RT SOFTWARE

TH-D74

ICOM PROGRAMMING WITH RT SOFTWARE

IC-R30

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-39

Open Ended 6-Pin Mini Din
Black Cable

CT-53R

Open Ended 4-Pin
Right Angle Mic Plug
Black Cable

VX-8 Open

Open Ended 7-Pin
VX8 Plug
Black Cable

CT-28B

Adapter Cable
Yellow Cable

CT-53

Open Ended 4-Pin Mic Plug
Black Cable

OPC-1797

Speaker/Mic Adapter
for the IC-92
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 Stero 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

RT-47

USB Extension
Cable 6 ft.
Black Cable

RT-48

USB Extension
Cable 10 ft.
Black Cable

RT-49

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

RADIO TO CABLE/SD CARD GUIDE

ABBREE

RADIO	PROGRAM	CABLE
AR-889G	APS-889G	K4Y
AR-F6	APS-F6	K4Y
AR-F8	APS-F8	K4Y

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-735	APK-735	29A
DR-B185	APK-B185	29A
DX-SR8	APK-SR8	29A

ANYSECU

RADIO	PROGRAM	CABLE
TM-218	RPS-218	50

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

ANYTONE

RADIO	PROGRAM	CABLE
AT-5888UV	ATP-5888	A5R
AT-5888UV III	ATP-5888 III	A5R
AT-778UV	ATP-778UV	A5R
ANILE-8R	ATP-LE8R	K4Y
NSTIG-8R	ATP-G8R	K4Y
OBLTR-8R	ATP-TR8R	K4Y
TERMN-8R	ATP-N8R	K4Y

BAOJIE

RADIO	PROGRAM	CABLE
BJ-UV55	BOJ-UV55	50
BJ-218	BOJ-218	50
BJ-9900	BOJ-9900	39

BTECH

RADIO	PROGRAM	CABLE
GMRS-50X1	BTS-50X1	70
GMRS-V1	BTS-GMRSV1	K4Y
UV-5X3	BTS-5X3	K4Y
UV-25X2	BTS-25X2	70
UV-25X4	BTS-25X4	70
UV-50X2	BTS-50X2	70
UV-5001	BTS-5001	70
UV-2501	BTS-2501	70
UV-2501+220	BTS-2501+220	70

HYS

RADIO	PROGRAM	CABLE
TC-MAUV11	RPS-MAUV11	39

ICOM

RADIO	PROGRAM	CABLE
IC-80	WCS-80	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**

ICOM

RADIO	PROGRAM	CABLE
IC-7300	WCS-7300	RT42
IC-7410	WCS-7410	RTS01
IC-7600	WCS-7600	RTS01
IC-7610	WCS-7610	RT42
IC-9700	WCS-9700	
IC-V8000	WCS-V8000	29A
IC-9100	WCS-9100	RTS01**
IC-R8500	WCS-R8500	RTS01
IC-Q7	WCS-Q7	57A
IC-R2	WCS-R2	29A
IC-R5	WCS-R5	29A
IC-R6	WCS-R6	29A
IC-R10	WCS-R10	29A
IC-R20	WCS-R20	NONE
IC-R30	WCS-R30	RT-49
IC-R8600	WCS-R8600	29A
IC-T2	WCS-T2	29A
IC-T7	WCS-T7	29A
IC-T8	WCS-T8	29A
IC-T70	WCS-T70	29A
IC-T81	WCS-T81	29A
IC-T90	WCS-T90	29A
IC-U80	WCS-U80	29A
IC-U82	WCS-U82	29A
IC-V8	WCS-V8	29A
IC-V80	WCS-V80	29A
IC-V82	WCS-V82	29A
IC-V85	WCS-V85	29A
IC-V86	WCS-V86	29A
IC-W32	WCS-W32	29A
ID-31	WCS-D31	RTS05
ID-31 PLUS	WCS-D31Plus	RTS05
ID-51	WCS-D51	RTS05
ID-51PLUS	WCS-D51	RTS05
ID-51PLUS2	WCS-D51	RTS05
ID-800	WCS-800	29A
ID-880	WCS-880	29A*
ID-4100	WCS-4100	29A
ID-5100	WSC-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.*

RADIO TO CABLE/SD CARD GUIDE

HESENATE

RADIO	PROGRAM	CABLE
HT-UV5R	HPS-HT5R	K4Y
HT-UV8R	HPS-HT8R	K4Y
HT-UV82	HPS-HT82	K4Y
MT-225D	HPS-225S	70
MT-225E	HPS-25S	70
MT-250D	HPS-250D	70

HYS

RADIO	PROGRAM	CABLE
TC-889G	RPS-889G	K4Y
TC-MAUV11	RPS-MAUV11	39
TC-M10W	RPS-M10W	50

JETSTREAM

RADIO	PROGRAM	CABLE
JT-220	RPS-220	29A
JT-222	RPS-222	29A
JT-270M	RPS-270M	30
JT-2705M	RPS-2705	70

JIMTOM

RADIO	PROGRAM	CABLE
KT-5988	JTS-5988	K4Y

JINGTONG

RADIO	PROGRAM	CABLE
JKT-5988	JTS-5988	K4Y

JUENTAI

RADIO	PROGRAM	CABLE
JT-6188	JPS-6188	70
JT-UV007	JPS-007	K4Y
JT-UV6DR	JPS-UV6DR	K4Y
JT-UV8DR	JPS-UV8DR	K4Y
JT-UV9DR	JPS-UV9DR	K4Y

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

KENWOOD

RADIO	PROGRAM	CABLE
TH-K20	KRS-K20	4KY
TH-G71	KRS-G71	K4Y
TH-D72	KRS-D72	NONE
TH-D74	KRS-D74	RT-49
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
NOTE	LXN-NOTE	K4Y
VV-808	LXN-808	30
VV-898	LXN-898	30
VV-998S	LXN-998	30

LUITON

RADIO	PROGRAM	CABLE
LT-25W	LUT-25W	K4Y
LT-316	LUT-316	K4Y
LT-425UV	LUT-425UV	70
LT-580	LUT-580	29A
LT-590	LUT-590	29A
LT-588UV	LUT-588	70
LT-598UV	LUT-598UV	70
LT-725UV	LUT-725UV	50
LT-825UV	LUT-825	70
LT-898UV	LUT-898	30
LT-925UV	LUT-925	30
UV-10W	LUT-10W	K4Y

MIDLAND

RADIO	PROGRAM	CABLE
DBR2500	RSS-DBR2500	A5R

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RADIO TO CABLE/SD CARD GUIDE

POFUNG/BAOFENG

RADIO	PROGRAM	CABLE
997S	BAO-997-S	K4Y
B-580T	BAO-B580	K4Y
BF-235	BAO-235	K4Y
BF-388A	BAO-388A	K4Y
BF-530	PFG-530	K4Y
BF-666S	BAO-666S	K4Y
BF-777	BAO-777	K4Y
BF-888	BAO-888	K4Y
BF-9500	PFG-9500	31
BF-9700	BAO-9700	73
BF-F8	BAO-F8	K4Y
BF-F9	BAO-F9	K4Y
BF-R3	BAO-R3	K4Y
BF-UVB2PLUS	BAO-UVB2	K4Y
BF-UVB3PLUS	BAO-UVB3	K4Y
BF-V8	BAO-V8	K4Y
DAYTONA	BAO-DAYTONA	K4Y
GT-1	PFG-GT1	K4Y
GT-3	BAO-GT3	K4Y
GT-5	PFG-GT5	K4Y
GT-3WP	BAOGT3WP	73
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-5RV2+	BAO-5R	K4Y
UV-5RTP	BAO-5R	K4Y
UV-5R-3	BAO-5R-3	K4Y
UV-5X MATE	BAO-5XMATE	K4Y
UV-B5/B6	BAO-B5/B6	K4Y
UV-E5	BAO-E5	K4Y
UV-6/UV-6R	BAO-UV6	K4Y
UV-8D	BAO-UV8D	K4Y
UV-8R	BAO-8R	K4Y
UV-9R	BAO-9R	73
UV-9R+	BAO-9R	73
UV-9R ERA	BAO-9R	73 UV-9S
BAO-UV9S	K4Y	
UV-F11	BAO-F11	K4Y
UV-66	PFG-66	K4Y
UV-82	BAO-82	K4Y
UV-89	BAO-89	K4Y

POFUNG/BAOFENG

RADIO	PROGRAM	CABLE
UV-8HX	BAO-8HX	K4Y
UV-920	PFG-920	K4Y
UV-TEN4	PFG-TEV4	K4Y
UV-XR	BAO-UVXR	73

POWERWERX

RADIO	PROGRAM	CABLE
DB-750X	RPS-DB-750	PW1

PUXING

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

QUANSHENG

RADIO	PROGRAM	CABLE
TG-UV2	RPS-TG2	K4Y
UV-R50	RPS-R50	K4Y

QYT

RADIO	PROGRAM	CABLE
KT-780PLUS	RPS-780	70
KT-7900D	RPS-7900D	70
KT-8900	RPS-8900	72
KT-8900D	RPS-8900D	70
KT-8900R	RPS-8900	70
KT-UV980	RPS-UV980	70
KT-UV980PLUS	RPS-UV980PLUS	70

RADIODDITY

RADIO	PROGRAM	CABLE
DB25	RDS-DB25	70
GA-510	RDS-510	K4Y
QB-25	RDS-QB25	70

RETEVIS

RADIO	PROGRAM	CABLE
H777	RET-H777	K4Y
R888	RET-R888	K4Y
RT-5R	RET-5R	K4Y
RT-7	RET-RT7	K4Y
RT-21	RET-21	K4Y
RT-22	RET-22	K4Y
RT-95	RET-RT25	A5R
RT-9000D	RET-9000	29A
RT-B6	RET-B6	K4Y

RUGGED RADIO

RADIO	PROGRAM	CABLE
ABM25	RRS-ABM25	32
RDH-16	RRS-16	74
RH5R-V2	RRS-5R	K4Y
RH-5SL	RRS-5XL	K4Y
RH5X-V2	RRS-5X	K4Y
RH-16C	RRS-16C	K4Y
RM25R-UV	RRS25R	70
RM25R-WP	RRS-25WP	32
RM-45-U	RRS-45U	29A
RM50-UV	RRS-50UV	29A
RM60-V	RRS-60V	29A
RM100-V	RRS-100V	70

SAIN SONIC

RADIO	PROGRAM	CABLE
GT-890	SPS-890	70
RST-567	SPS-567	K4Y
RST-599	SPS-599	K4Y
VV-898E	SPS-898E	30

SOCOTRAN

RADIO	PROGRAM	CABLE
ST-980PLUS	STR-980PLUS	70
ST-7900D	STR-7900D	70

TALKPOD

RADIO	PROGRAM	CABLE
TP-780	TPS-780-U	70

TERA

RADIO	PROGRAM	CABLE
TR-500	RPS-TR500	67
TR-505	RPS-TR505	67
TR-590	RPS-TR590	67

TDXONE

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

TOKMATE

RADIO	PROGRAM	CABLE
TM-218	RPS-218	50

RADIO TO CABLE/SD CARD GUIDE

TONFA

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

TYT

RADIO	PROGRAM	CABLE
TH-350	RPS-350	K4Y
TH-7800	RPS-7800	32
TH-8200	RPS-8200	K4Y
TH-8600	RPS-8600	32
TH-9000	RPS-9000	29A
TH-9800	RPS-9800	32
TH-F5	RPS-TH5	K4Y

TYT

RADIO	PROGRAM	CABLE
TH-F8	RPS-TH8	K4Y
TH-UV3R	RPS-UV3R	32
TH-UV6R	RPS-UV6R	K4Y
TH-UVF8D	RPS-TH8	K4Y
TH-UV8R	RPS-TH8	K4Y
TH-UV88	RPS-UV88	K4Y
TH-UVF9	RPS-TH9	K4Y
TH-UVF9D	RPS-TH9	K4Y
TH-UV8000D	RPS-UV8000D	K4Y
TH-UVF1	RPS-UVF1	K4Y

VGC

RADIO	PROGRAM	CABLE
VR-6600	VPK-6600	81

WLN

RADIO	PROGRAM	CABLE
KD-C1	WPS-KDC1	K4Y

WOUXUN

RADIO	PROGRAM	CABLE
KG-833	RPS-KG833	K4Y
KG-UVD1P	RPS-KGUVD1P	K4Y
KG-UV2D	RPS-KGUV2/3	K4Y
KG-UV3D	RPS-KGUV2/3	K4Y
KG-UV3X	RPS-KGUV3X	K4Y
KG-UV5D	RPS-KGUV5D	K4Y
KG-UV6D	RPS-KGUV6	K4Y
KG-UV6X	RPS-KGUV6	K4Y

WOUXUN

RADIO	PROGRAM	CABLE
KG-UV8D	RPS-KGUV8D	K4Y
KG-UV8T	RPS-KGUV8T	K4Y
KG-UV9D	RPS-KGUV9D	K4Y
KG-UV9K	RPS-KGUV9K	K4Y
KG-UV9P	RPS-KGUV9P	K4Y
KG-UV899	RPS-KGUV899	K4Y
KG-UV920P	RPS-KGUV920P	W5R
KG-UV950P	RPS-KGUV950P	W5R
KG-UV980H	RPS-KGUV980H	W5R
KG-UVR5	RPS-KGUVR5	W5R

YAESU

RADIO	PROGRAM	CABLE
FT-1D	ADMS-FT1D	NONE***
FT-2D	ADMS-FT2D	68*
FT-3D	YPS-FT3D	68*
FT-4V	YPS-4XV	55
FT-4X	YPS-4XV	55
FT-25	ADMS-25	55
FT-50	ADMS-FT50	57A
FT-60	ADMS-1J	57A
FT-65	ADMS-65	55
FT-70D	ADMS-70D	57B
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-818	ADMS-818	62C
FT-847	ADMS-847	65
FT-857/D	ADMS-4B	62C
FT-891	ADMS-891	RT-42
FT-897/D	ADMS-4B	62C
FT-991	ADMS-991A	RT42
FT-991A	ADMS-991A	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
FT-1907	ADMS-1907	29F
FT-2600	ADMS-2600	29C
FT-2800	ADMS-2J	29F
FT-2900	ADMS-2900	29F
FT-2980	YPS-2980	29F
FT-3000	ADMS-3000	29B

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RADIO TO CABLE/SD CARD GUIDE

YAESU

RADIO	PROGRAM	CABLE
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-DX5000	63
FTM-100	ADMS-M100	NONE*
FTM-350	ADMS-350	81
FTM-400	ADMS-M400	SD Card**
FTM-3100	ADMS-M3100	29F
FTM-3200	ADMS-M3200	29F
FTM-7250	YPS-7250	29F
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.*

ZASTONE

RADIO	PROGRAM	CABLE
MP-300	ZPS-300	70
MP-320	ZPS-320	70
MP-380	ZPS-380	70
MP-800	ZPS-800	32
ZT-889G	ZPS-889G	K4Y
ZT-A19	ZPS-A19	K4Y
ZT-X6	ZPS-X6	K4Y

SYSTEM REQUIREMENTS

Windows Compatibility: Windows 7 (32 or 64 bit)
Windows 8 or 8.1 (full version)
Windows 10

MAC Compatibility: MacOS X Lion (10.7 64-bit) or higher.

Hardware Requirements: Internet connection or phone access for installation. Free on-board USB slot.

RT SYSTEMS CONTACT INFORMATION

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