

Our Favorite Handheld Radios

from **FalconDirect**

Products, Specifications, and Prices

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Analog Handheld Radio Models

Model	XT Series	BPR40	SLX	TC-700	F50/60	RP3600
						
Manufacturer	TEKK	Motorola	Ritron	HYT	ICOM	Relm
Product Application	The XT-800 (VHF) & XT-900 (UHF) are well suited for FRS, GMRS and many commercial needs.	The BPR40 is a great choice for construction, law enforcement and other uses where paging isn't needed.	The SLX is rated a best value and is especially well suited for medical use since it has a built in scrambler.	The TC-700 offers the features most often specified by public safety users with MIL-SPEC 810F reliability.	The compact F50 VHF and F60 UHF radio is a superb choice for fire and rescue use with built in 2-tone paging.	The RP3600+ is rated a top value. This radio does it all and the accessories are compatible with many Motorola models
VHF Price	\$189	\$219	\$295	\$360	\$399	\$429
UHF Price	\$199	\$229	\$295	\$360	\$419	\$429
Key feature	Low Price, High battery capacity	Motorola Name & reputation	Size/Weight Hi battery capacity	High audio output (1W)	Waterproof/ submersible	User programmable
Secondary benefit	Size/Weight	ALT tested for durability	Lowest priced LCD display	Audible channel change announce	Intrinsically safe option	Audible & vibrate alert
Additional benefit	3 year limited warranty	Ease of use	Built in scrambler	MIL-SPEC 810F	Optional Man Down Alert	Built in message memory/playback
No. of Channels	16	8	60	16	128	256
Size	4.5 x 2.5 x 1.6"	4.3 x 2.1 x 1.5"	3.92 x 2.2 x 1.3"	4.8 x 2.2 x 1.4"	4.9 x 6.0 x 1.7"	3.94 x 2.23 x 1.3"
Weight	9.5 Ounces	9.6 Ounces	10 Ounces	11.15 Oz.	9.9 Ounces	6.5 Oz + Battery

Power Output	5 Watts	5/4 watts	5/4W	5/4W	5/4 watts	5/4 watts
Audio Output	500 mW	500 mW	700 mW	1 Watt	500 mW	500 mW
Battery Type	Lithium Ion	Lithium Ion	Lithium Ion	Lithium Ion	Not applicable	Lithium Ion
Battery capacity	1800 mAh	1100 mAh	1800 mAh	1700 mAh	Not applicable	1700 mAh
Battery life	14 hours plus	8 hours plus	14 hours	14 hours	Not applicable	14 Hours +
Charger type	Desk	Desk, rapid	Desk, rapid	Desk, rapid	Not applicable	Desk, rapid
Waterproof	No	No	No	No	Yes (IP57)	No
CTCSS & DCS	Yes	Yes	Yes	Yes	Yes	Yes
2-tone Paging	Yes	No	Yes	Yes	Yes	Yes
VOX	Yes	No	Yes	Yes	No	Yes
Scan	Yes	Yes	Yes	Yes	Yes	Yes
LCD Display	Yes	No	No	No	Yes	Yes
User Programmable	No	No	No	No	No	Yes
Vibrate Alert	No	No	No	No	No	Yes
Voice record & playback	No	No	No	No	No	Yes
Scrambler	Optional	No	Yes	Yes	Optional	Yes
Over the air cloning	No	No	Yes	Yes	No	Yes
Over the air stun/kill restore	No	No	Yes	Yes	Yes	Yes
Man down alert	No	No	No	Optional	Optional	No
Lone worker call	No	No	Yes	Yes	Yes	Yes
Audible channel select announce	No	No	Yes	Yes	No	No
Intrinsically safe	No	No	No	No	Optional	No
Direct contact Mic connector	No	No	No	No	No	Yes
MIL-SPEC 810	Yes	No	Yes	Yes	Yes	Yes
MDC1200 ID	No	No	Optional	Yes	Yes	Yes
Warranty	1 year radio Battery - 6 months	2 year radio Battery - 1year	1 year radio and battery	2 year radio Battery - 1 year	2 year radio Battery - 1 year	2 year radio Battery - 1 year
Product brochure	www.info4u.us/Tek/kXT800.pdf	www.info4u.us/BPR.pdf	www.info4u.us/SLX.pdf	www.info4u.us/TC700.pdf	www.info4u.us/F50.pdf	www.info4u.us/RP3600.pdf
Other products from this mfg.	www.falcondirect.com/tekk	www.falcondirect.com/motorola	www.usa-radio1.com	www.falcondirect.com/hyt	www.falcondirect.com/icom	www.falcondirect.com/reim

Accessory Pricing

PC Program kit	\$60	\$99	\$129	\$60	\$99	\$60
Carrying case	\$29	\$27	\$34	\$27	\$39	\$29
Spare battery	\$49	\$69	\$59	\$60	\$79	\$69
Stubby antenna	\$12	\$10	\$10	\$10	\$9	\$18
Upgrade to rapid charger	\$59	Standard	Standard	Standard	Standard	Standard
Multi-unit charger (6)	\$399	\$400	\$399	\$433	\$399	\$319

Spare clip	TBA	\$7	\$7	\$7	\$9	\$16
Speaker-Mic	\$49	\$59	\$59	\$33	\$69	\$69
Earbud/mic	\$49	\$23	\$39	\$23	\$49	\$54
Earset w/in-line microphone	\$49	\$30	\$39	\$30	\$49	\$54
Earset w/boom microphone	\$49	\$30	\$39	\$30	\$49	\$54
Throat microphone	\$100	\$100	\$100	\$100	\$100	\$100
TotalCare 3 year service plan	\$59	\$69	\$79	\$79	\$63	\$89

User information. Products sold by Falcon Direct are warranted to be technically compliant with the manufacturers specifications. No other warranty relative to use of the equipment or related service, when applicable, is expressed or implied. Falcon Direct makes no claim for suitability or fitness of users purpose or application. Falcon Direct is not responsible for claims arising from the use of equipment or services provided by or through Falcon Direct in which there are losses attributed to the use or application of equipment and/or related services. User agrees to these terms as a condition of purchase.

AN INTRODUCTION TO DIGITAL

There are a number of reasons why many users are switching to digital. The main reason is it works better! Think of the old analog cell phones of the 80's versus the digital cell phones of today. Take a look at HD TV or listen to HD radio for other examples. FCC requirements for narrow banding degrade performance on analog radios but have no little effect on digital radios.

The first digital 2-way radios were VERY expensive! Now, they are only a little more than analog versions. In the near future, they will cost less. Digital radios can handle voice, text, and GPS in the same manner. This means you get more features for less.

Back when your home telephone was connected to an analog switch, you had to pay a lot for features like Caller ID. Now, enhanced features are available for little or no cost through the use of digital telephone central office systems.

We could go on, but you should have the picture by now. The future (the IMMEDIATE future that is) is going to be digital. All of the radios listed below are digital, yet have the ability to still communicate on older analog systems (with the exception of the DTR650 which we offer with an optional converter that allows migrating from old analog systems to digital). For more detailed information on the various types of digital technology, please visit www.falcondirect.com/digital.

Digital Handheld Radio Models

Model	DTR650	F3061/4061	GPH Series	F70/80D	XPR6550	SynTech
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Manufacturer	Motorola	ICOM	Relm/BK	ICOM	Motorola	Midland
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Product Application

The Motorola DTR650 provides the ultimate in private, flexible on-site communications.

The ICOM F3061 VHF and F4061 UHF will meet current needs as well as post 2011 & 2018 standards.

BK radios are favored by the US Forest Service. The GPH service can be upgraded to P25 capability.

The ICOM F70 VHF and F80 UHF five you full P25 digital capability at reasonable cost with full features.

The Motorola XPR6550 provides analog, digital, text messaging, and GPS location reporting at reasonable cost.

The SynTech is the only radio we offer currently for the 700 & 800 MHz band. It is fully APCO-25 compatible.

User Price	CALL	\$794	\$798	\$1,495	CALL	CALL
Frequency Band	900 MHz ISM	VHF or UHF	VHF	VHF or UHF	UHF	700/800 MHz
No. of Channels	10	512	240	256	160	TBA
Dimensions	5.2 x 2.3 x 1.4"	5.29 x 2.09 x 1.53"	6.6" X 2.55" X 1.5"	2.31 x 5.98 x 1.5"	5.2 x 2.5 x 1.38"	TBA
Weight	7.3 Ounces	12.0 Ounces	20.0 Ounces	14.1 Ounces	12.7 Ounces	TBA
Power Output	1 Watt	5/4 watts	5/4W	5/4W	4W	5 Watts
Audio Output	1 Watt	500 mW	500 mW	500 mW	500 mW	TBA
Waterproof	No	No	No	No	Yes (IP57)	TBA
LTR Trunking?	No	Yes	No	Optional	No	No
Analog/Digital?	Digital only	Yes	Yes	Yes	Yes	Yes
Digital type	FHSS	FDMA	P25	P25	TDMA	P25
P25 compatible	No	No	Yes	Yes	No	Yes
CTCSS & DCS	Yes	Yes	Yes	Yes	Yes	Yes
2-tone Paging	No	No	No	Yes	No	TBA
VOX	Yes	No	Yes	Yes	Yes	Yes
Scan	Yes	Yes	Yes	Yes	Yes	Yes
LCD Display	Yes	No	No	Yes	No	Yes
Battery Type	Lithium Ion	Lithium Ion	Ni-Cd	Lithium Ion	Lithium Ion	Lithium Ion
Battery capacity	1500 mAh	1100 mAh	1400 mAh	1600 mAh	1500 mAh	1800 mAh
Battery life	Up to 19 hrs.	8 hours plus	8 hours plus	14 hours	13 hours	TBA
Charger type	Desk, rapid	Desk, rapid	Desk	Desk, rapid	Desk, rapid	TBA
OTA cloning	No	No	No	No	Yes	TBA
Over the air stun/kill restore	No	No	Yes	Yes	Yes	TBA
Man down alert	No	No	No	No	No	TBA
Scrambler	No	No	No	Yes	Yes	TBA
Lone worker call	No	No	No	Yes	Yes	TBA
Audible channel select	No	No	Yes	No	Yes	No
MIL-SPEC 810	No	No	Yes	Yes	Yes	Yes
MDC1200 ID	No	Yes	No	Yes	Yes	Yes
Warranty	1 year radio Battery - 6 months	2 year radio Battery - 1 year	2 year radio Battery - 1 year	2 year radio Battery - 1 year	2 year radio Battery - 1 year	2 year radio Battery - 1 year

Product brochure	www.info4u.us/DTR.pdf	www.info4u.us/F3061.pdf	www.falcon4u.com/GPH.pdf	www.info4u.us/F70.pdf	www.info4u.us/Motrbo%20Brochure.pdf	TBA
Other products from this mfg.	www.falcondirect.com/motorola	www.falcondirect.com/icom	www.falcondirect.com/Relm/gph	www.falcondirect.com/icom	www.falcondirect.com/motorola	www.falcondirect.com/midland

Accessory Pricing

PC Program kit	\$175 Cable*	\$99	\$246	\$118	\$175 Cable*	TBA
Carrying case	TBA	\$27	\$27	\$49	\$55	TBA
Spare battery	\$49	\$69	\$79	Not applicable	\$79	TBA
Stubby antenna	N/A	\$10	\$10	Not applicable	\$11	TBA
Multi-unit charger (6)*	\$199	\$400	\$780	\$399	\$490	TBA
Spare clip	\$12	\$7	\$7	\$10	\$12	TBA
Speaker-Mic	\$49	\$59	\$59	\$69	\$74	TBA
Earbud/mic	\$20	\$23	\$49	\$49	\$25	TBA
Earset w/in-line microphone	\$20	\$30	\$49	\$49	N/A	TBA
Earset w/boom microphone	\$20	\$30	\$49	\$49	N/A	TBA
TotalCare 3 year service plan	\$79	\$89	\$99	\$99	\$109	TBA

* To order software, call 1.800.422.2210, then choose menu selection 0 followed by menu selection two with 0 selected
 * 5 units with Relm/BK GPH radio

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Extended Care Programs

In addition to the normal warranty, Falcon Direct offers a variety of special service programs to meet the special needs of those we serve. You can learn more about our warranty and service programs at www.falcondirect.com/service. Our exclusive TotalCare program offers three years of service with next day exchange replacement, all shipping cost and repairs at reasonable cost. This service is available on all of our radios. Flat rate repair provides all repairs, upgrades, housings, clips, batteries, and return shipping cost for a single flat rate fee. Abuse and damage caused by water or lightning is excluded. Call us at 1.800.489.2611 for more information.

Trade In Program

We are currently offering a trade in program on the HYT TC-700. Get a \$100

allowance for any 2-way radio when you purchase the HYT TC-700. This offer is subject to cancellation without notice. Don't miss out! Call us today at 1.800.489.2611.

FCC Licensing

VHF systems can be operated without a license on five available VHF frequencies. All of our UHF, 700 and 800 MHz and all commercial and governmental use of VHF frequencies radios requires an FCC license. The Motorola DTR Series digital radios operates in the 900 MHz ISM band with no license required. If you are in doubt about whether or not you require an FCC license call us! Unlicensed operation can result in loss of operational privileges, large fines and even possible imprisonment. Additional information is available on request by calling 205.854.2611.

Thanks for visiting with us! We look forward to serving you! If you would like to receive a notification by email when a new eNewsletter is available, just drop us an email to sales@falcondirect.com.

The Falcon Team
At your Service!

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