

# ***Straight-Talker PD6 Series*** **Analog/DMR Digital Rough Duty radio**

This is the radio that can work as hard as you do – On the fireground or at the plant!

The radio of tomorrow is here today! The Hytera PD6 Series!



## **Sometimes you've got to be tough .....**

Some people are harder on radios than others. Construction, firefighters, law enforcement, maintenance, utility workers and others who work outside need a radio that can withstand the elements.

The IP67 rated PD602 (bottom left) is Hytera's most affordable super rugged, really reliable, and really small radio. For supervisory folks, we offer the PD662 (upper left) which has built in GPS tracking, a bright LCD display that can show the user identity of all radios on the system, limited text messaging and the list goes on! Both radios have 2-tone paging capability which is a must for firefighters.

With a three-year warranty, you would think these radios would cost a LOT of money. They don't! With an MSRP of \$489 for the PD602 and \$636 for the PD662, your price with instant rebate is only \$369 for the PD602 or \$449 for the PD662. Your choice of UHF or VHF – same price!

Now, here's the REALLY good news! You can extend your warranty to LIFE TIME at no extra cost. See [info4u.us/KMC-Program.pdf](http://info4u.us/KMC-Program.pdf). Another Falcon exclusive is a VERY low cost for next day service. We call it the GAB program. You'll call it fantastic!

Did we mention that these radios have both analog and DMR digital capability, and are compatible with an exclusive Hytera trunking system that allows two simultaneous conversations between different users through a single repeater?

And, we've got some great choices for speaker-microphones, and hearing protection headsets. See [info4u.us/Hytera-Speaker-Microphones.pdf](http://info4u.us/Hytera-Speaker-Microphones.pdf).



Call anytime – 205.854.2611 or Email [ServingU@The-Communicators.net](mailto:ServingU@The-Communicators.net)

# PD602/662 SPECIFICATIONS

General	Frequency Range	VHF: 136 - 174MHz UHF1: 400 - 527MHz	
	Channel Capacity	PD602	48
		PD662 PD682	1024
	Zone Capacity	PD602	3
		PD662 PD682	64
	Channel Spacing	25 / 20 / 12.5KHz	
	Operating Voltage	7.4V	
	Battery	1500mAh (Li-Ion)	
	Battery Life (s/5/90)	Analog	Approx. 11hrs
		Digital	Approx. 16hrs
	Frequency Stability	± 0.5ppm	
	Antenna Impedance	50 Ω	
	Dimensions (HxWxD)	PD602	4.7 x 2.13 x 1.1 inches
		PD662 PD682	4.8 x 2.17 x 1.1 inches
Weight	PD602	10.23oz	
	PD662 PD682	10.93oz	
FCC ID	See website for full list		
Industry Canada ID	See website for full list		

Environmental Specifications	Operating Temperature	-22°F ~ +140°F
	Storage Temperature	-40°F ~ +185°F
	ESD	IEC 61000 -4 -2 (level 4) ± 8kV(contact); ± 15kV (air)
	American Military Standard	MIL-STD-810 C/D/E/F/G
	Dust & Water Intrusion	IP67 Standard
	Humidity	Per MIL-STD-810 C/D/E/F/G Standard
	Shock & Vibration	Per MIL-STD-810 C/D/E/F/G Standard

Transmitter	RF Power Output	VHF: High 5W - Low 1W UHF: High 4W - Low 1W	
	FM Modulation (Analog Emissions Designator)	11KϕF3E @ 12.5KHz; 14KϕF3E @ 20KHz; 16KϕF3E @ 25KHz	
	4FSK Digital Modulation (Digital Emissions Designator)	12.5KHz Data Only: 7KϕFXD 12.5KHz Data & Voice: 7KϕFXW	
	Conducted/Radiated Emission	-36dBm<1GHz -30dBm>1GHz	
	Modulation Limiting	± 2.5KHz @ 12.5KHz; ± 4.0KHz @ 20KHz; ± 5.0KHz @ 25KHz	
	FM Hum & Noise	40dB @ 12.5KHz; 43dB @ 20KHz; 45dB @ 25KHz	
	Adjacent Channel Power	60dB @ 12.5KHz 70dB @ 20/25KHz	
	Audio Response	+1 ~ -3dB	
	Audio Distortion	≤ 3%	
	Digital Vocoder Type	AMBE++ or SELP	
Digital Protocol	ETSI-TS102 361-1, 2&3		

Receiver	Sensitivity	Analog	0.22 μ V (12dB SINAD); 0.22 μ V (Typical) (12dB SINAD); 0.4 μ V (20dB SINAD)
		Digital	0.22 μ V/BER5%
	Selectivity TIA-603 ETSI	60dB @ 12.5KHz / 70dB @ 20/25KHz 60dB @ 12.5KHz / 70dB @ 20/25KHz	
	Intermodulation TIA-603 ETSI	70dB @ 12.5/20/25KHz 65dB @ 12.5/20/25KHz	
	Spurious Response Rejection TIA-603 ETSI	70dB @ 12.5/20/25KHz 70dB @ 12.5/20/25KHz	
	Blocking TIA-603 ETSI	90dB 84dB	
	S/N	40dB @ 12.5KHz; 43dB @ 20KHz; 45dB @ 25KHz	
Rated Audio Distortion	≤ 3%		
Audio Response	+1 ~ -3dB		
Conducted Spurious Emission	< -57dBm		

Looking for a companion mobile?  
We've got a dandy new mobile at an  
incredibly low price. Call us for details!

## A final word.....

We have several lower priced portable radios that may be suited for either your primary or secondary needs. More information is available our economy prices BD302 at [info4u.us/BD302.pdf](http://info4u.us/BD302.pdf), or our general purpose higher powered BD502 at [info4u.us/BD502.pdf](http://info4u.us/BD502.pdf), or see [info4u.us/PD362.pdf](http://info4u.us/PD362.pdf) for our most popular administrative radio. If you don't see what you need, just give us a call at the number below. We'll be glad to arrange a demonstration at your convenience, or to provide additional information on request.



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