

# Happy New Radio !

## KT-980HP

High Power version of the popular UV-5R (KT-960 PLUS)



**8W VHF**  
**7W UHF** (\*)

**RF POWER MOSFET**  
**RQA0011DNS**

**NEW "HP" FIRMWARE v3.01**

### New Hardware

TRANSMITTER RF POWER MOSFET RQA0011DNS

### New Features

3-LEVEL (HI-MID-LOW) ADJUSTABLE TX POWER

### New Firmware

"HP" FIRMWARE V3.01



Available  
January 2014

exclusively by

**INTEK**

## KT-980HP / Product Information

KT-980HP is the new "High Power" version of the popular model UV-5R (KT-960 PLUS), this new radio has been developed by and it's been produced exclusively for INTEK. The radio has a newly designed diecast aluminum front panel, new transmitter circuit design using the powerful RQA0011DNS Silicon N-Channel RF power MOSFET semiconductor, rated at 10,47W with +40.2 dBm (f=520 MHz) and derated to 8,00W max for optimum and stable operation, new software and new firmware. Transmitter power is adjustable at 3 levels (high-mid-low). Set includes 1.8A Li-Ion Battery Pack (AT-960A), 220VAC Desk Charger, Earset-Microphone, Belt Clip, Hand Strap, Dual Band SMA Antenna. KT-980HP today is the most convenient, versatile, complete and powerful real compact size amateur radio dual band handheld transceiver !

### Specifications :

Freq. range VHF 144-146 MHz (136-174 MHz) / UHF 430-440 MHz (400-470 MHz)

TX power VHF (8W High, 4W Mid, 1W Low) / UHF (7W High, 4W Mid, 1W Low)

(\*) Maximum transmitter output power in the Amateur Radio bands

128 Channels

Backlighted LCD Display with selectable color

Dual Band, Dual Frequency, Dual Display

Digital Battery Meter / Digital S/R/F Meter

CALL / TOT (Time-Out-Timer) / LOCK

Dial multi-function knob

Multi Scan : Channels, CTCSS, DCS

VOX / Dual Watch / Roger Beep / Emergency Alarm / SOS

1750 Hz Repeater Tone / Shift Repeater / Repeater Sound Response

DTMF Signaling / PTT ID

Steps 2.5/5/6.25/10/12.5/25 KHz

Adjustable Squelch Level / Selectable RF Power (Hi-Mid-Low)

50 CTCSS / 106 DCS tones

Selectable Wide/Narrow mode

Busy Channel Lockout / Offset / Emergency Alarm

FM Radio 88-108 MHz

Battery Save / Tail Tone Elimination

PC programmable (with optional PC cable)

Dual band SMA antenna

Dimensions mm 58(L) x 110(H) x 32(D)

Weight 205 gr.

POWER LEVELS	BANDS	
	VHF	UHF
HIGH (H)	8W	7W
MID (M)	4W	4W
LOW (L)	1W	1W





## VHF

VHF (AMATEUR BAND)

FREQUENCY : 145.500 MHz

TX POWER SETTING : HIGH

TEMPERATURE : 23°

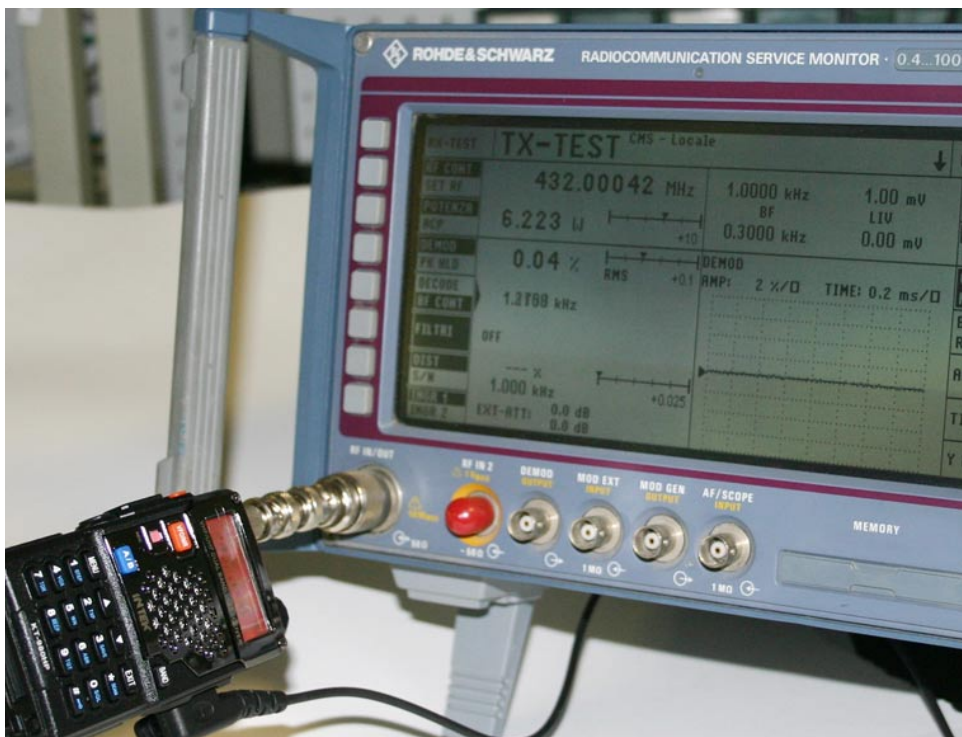
VOLTAGE : 7.4V (BATTERY PACK)

NOMINAL RF OUT : 8.0W

ACTUAL RF OUT : 7.57W

TEST SET :

ROHDE & SCHWARTZ CMS-52



## UHF

UHF (AMATEUR BAND)

FREQUENCY : 432.000 MHz

TX POWER SETTING : HIGH

TEMPERATURE : 23°

VOLTAGE : 7.4V (BATTERY PACK)

NOMINAL RF OUT : 7.0W

ACTUAL RF OUT : 6.22W

TEST SET :

ROHDE & SCHWARTZ CMS-52