

### Introducing the TH-D74A/TH-D74E for the Ultimate in APRS® and D-STAR® Performance

**TH-D74A: 144/220/430 MHz TRIBANDER for North America**  
**TH-D74E: 144/430 MHz DUAL BANDER for Europe**

August 8, 2016 – KENWOOD has already garnered an enviable reputation with the TH-D72A/E handheld APRS® amateur radio transceiver. And now it has raised the bar even further with the new TH-D74A/E, adding support for D-STAR®, the digital voice & data protocol developed by the JARL, and enabling simultaneous APRS and D-STAR operation – an industry first. As well as offering intuitive operation and rugged IP54/55 weatherproofing, this top-of-the-line portable transceiver features built-in GPS, wide-band multi-mode reception, IF filters, DSP equalizer, a transfective TFT color display, microSD memory slot and Bluetooth/USB connectivity.



#### Key features

- APRS packet transfer communications for exchange of real-time GPS positional information and messages
  - Color display includes compass with station information (relative distance, heading and speed) or weather conditions (rainfall, temperature & humidity, wind direction/speed, pressure)
  - Storage capacity for 100 fixed/mobile/weather stations and objects/items
  - Messages exchanged with other APRS stations in real time
  - Built-in KISS TNC for managing APRS on a computer
  - Rapid QSY using frequency embedded in beacon
- D-STAR for voice/data transmission over digital amateur radio networks
  - Simplex, semi-duplex, Zone, and IP Gateway modes for local, wide or worldwide digital communications
  - DV (digital voice) and DV Fast Data mode (transmits data in unused voice frames for transfers that are 3.5 times faster)
  - DR (D-STAR Repeater) list downloadable from D-STAR website
  - Direct reply following receipt (just press PTT)
  - Icon shows repeater availability when kerchunking
  - TX/RX history (max. 120 items) for easy recall of parameters for a particular station
  - Rapid QSY using information from D-STAR repeater
- Multi-band, multi-mode reception
  - 0.1 to 524 MHz wide-band continuous reception on Band B (sub-band)
  - FM/NFM/WFM/AM plus SSB/CW
  - Dual frequency reception (VxV, UxU, and VxU)
  - Simplified zero-in with variable fine-step (20, 100, 500 and 1000 Hz)
  - Ferrite bar antenna for mid- and low-HF bands
- IF filters to reduce adjacent frequency interference (SSB: 2.2~3.0 kHz; CW: 0.3~2.0 kHz; AM: 3.0~7.5 kHz)
- IF OUT mode to make IF signal (12 kHz center frequency, 15 kHz bandwidth) available via the Micro-USB port
- High-performance audio equalizer with DSP

#### Other Features

- Color 1.74" (240 x 180 pixel) transfective TFT display for high visibility outdoors and indoors
- Flat low-profile key tops
- IP54/55 for all-weather outdoor use
- Built-in GPS (Auto Clock Setting) with high-sensitivity patch antenna to track GPS signals from vehicle dashboard
- GPS Logger mode
- Bluetooth® (HSP/SPP)
- microSD/SDHC slot
- Micro-USB terminal
- Free downloadable PC software: MCP-D74 memory control program, ARFC-D74 for frequency management, etc.

*APRS is a registered trademark of WB4APR Mr. Bob Bruninga. D-STAR (Digital Smart Technology for Amateur Radio) is a digital radio protocol developed by JARL (Japan Amateur Radio League). All other company names, brand names and product names are registered trademarks or trade names of their respective holders.*

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*The above announcement is that initially released to the press, and it may not reflect the latest information.*