

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

1. 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
2. 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
3. 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
4. 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)
5. IF OUT mode to make IF signal (12 kHz center frequency, 15 kHz bandwidth) available via the Micro-USB port
6. 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.

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