FlexRadio®

Find Everywhere

FLEX-**6600**™/FLEX-**6600M**™

FLEX-**6600**™/FLEX-**6600M**™

WE HAVE SEEN THE FUTURE. AND THEN OUR ENGINEERS MADE IT 6.74" X 14" X 13.25".

The FLEX-6600™/FLEX-6600M™ signature series transceiver isn't any ordinary radio, unless you consider two SCUs, software-driven, easy to use and remote from anywhere as being some kind of ordinary. Put simply, our obsession with innovation and finding new ways to evolve the hobby has resulted in what proves to be beautifully simple and will help you find everywhere.

WE FORGOT TO MAKE IT COMPLICATED.

When you strive for ease of use, simple and intuitive is where you end up. With the FLEX-6600 and FLEX-6600M, there is no longer a need for complex configurations to integrate your station. With SmartSDR™ Digital Audio Exchange (DAX) and SmartSDR CAT, we eliminate all the wiring and sound cards for digital mode and logger connections to the radio. This results in less hassle, and fewer RFI and cable failures, leaving you more time to operate and find everywhere.

37.97°N, 121.71°W

STUNNING GOOD LOOKS.

We can't help it that we continue to set the standard for high-resolution, real-time spectral display in amateur radio transceivers. While the form factor of both transceivers is beautiful, the 6600M touts a stunning 8-inch 1920 x 1200 IPS WUXGA touchscreen display. Put simply, your retinas will dance with the integrated display found on the 6600M. And the easily accessible controls right at your fingertips means that your radio will not go unnoticed.

HEAR WHAT OTHERS CAN'T.

It goes without saying that both the FLEX-6600 and 6600M were conceived to be easy on the ears. And by this we mean stunning transmit audio, 115 dB Dynamic Range and zero noise fatigue. One difference worth noting is that the 6600M does vary from its 6600 sibling in that the 6600M is truly self-contained with a built-in internal speaker.

YOUR RADIO IS ANYWHERE AND EVERYWHERE.

As much as you love your shack and all its amenities, there's no reason you can't enjoy amateur radio from pretty much anywhere on the planet. With SmartLink®, you have the ability to operate your radio from wherever you might be, provided you have an Internet connection. Just take an iPhone®, iPad®, Laptop or Maestro™ with you and instantly connect to your radio.

40.66°N, 89.89°W

KEEP UP WITH THE FUTURE.

Because we believe a real SDR should improve over time, that's exactly what happens. As FlexRadio continues to evolve and enhance our SmartSDR, you have the opportunity to upgrade your radio with each new release. This means there is no danger of your radio becoming outdated or obsolete. We have created a platform that will allow you to enhance your operating experience with the introduction of new features and functionality.

6600 FEATURES

- No PC Required with the 6600M

- Up to Four Independent Receivers

- Up to Four 14MHz Spectrum Displays

- 8-Inch 1920 X 1200 IPS Display*

- Ergonomic Workflow

- Wide Spaced/Single-Function Controls*

- 155 dB Dynamic Range

- No Noise Fatigue

- Ultra Low Phase Noise

- Front-Facing Speaker with 2w Class D Audio Amplifier (6600M)

- True Diversity Reception

- No Complex Setup Required

- Operate Anywhere, Any Time

- Use a Maestro™, iPad®, iPhone® or Laptop

- Across the Country or Across the World

- Complete Control

- Upgrade Your Radio with SmartSDR Updates

- Increase Radio Performance and Features

- Your Radio Evolves with Technology

*Specific to 6600M Model

RECEIVER

Independent Band/Mode Receivers (Max)	4
1/2 kHz Reciprocal Mixing Dynamic Range (RMDR)	110/115 dB
ADC Bits/Sampling Rate	16/245.76 Msps
Frequency Coverage	30 kHz–54 MHz
Amateur Band Preselectors	7th Order Contest Bands, 3rd Order Other
Cableless Digital Audio Channels (DAX)/DAX IQ Channels	4/4
Receive Only Ports (Base/Including XVTR Ports)	2/4
Full Duplex RX/TX Operation	✔
Simultaneous Receive on Two Antennas (e.g., 20m & 6m)	✔
Single Radio SO2R Operation – No External Equipment	✔
Diversity Reception	✔

SPECTRUM/WATERFALL DISPLAY

Internal Touch Panel Display Size Diagonal	8-inch (6600M)
Integrated Display Resolution	1920x1200 (6600M)
External Display Resolution/Connection	1920x1200/HDMI (6600M)
Spectrum/Waterfall Displays (Max)	4
Spectrum/Waterfall BW (Min/Max)	1.2 kHz–14 MHz
Spectrum Dynamic Range (Max Zoom)	> 155dB
Spectrum Resolution Bandwidth (Min)	1.5 Hz

TRANSMITTER

160m–6m Transmitter Output	1-100W (25W AM)
Harmonic Suppression (Typ)	< -60 dBc
Transverter Ports	2
Transverter IF Frequency Coverage/Power	100 kHz–54 MHz/0 to +10 dBm
Integrated Automatic Antenna Tuner Range	3:1 SWR
Continuous MARS/CAP Coverage	Optional

GENERAL

Modes (Note 1)	SSB, CW, Digital, RTTY, AM, FM, SAM, FreeDV
Integrated Remote Operation	✔
Maestro, PC, MAC, iPhone, iPad Client Options	✔
Internal Speaker/Power	2W Class D (6600M)
Frequency Stability (0C–50C)	0.5ppm (TCXO)
GPS Disciplined Oscillator	Optional 5 x 10^{-12} Over 24 Hours
External 10MHz Reference Input	✔
Power Supply Requirements	25A, +13.8V DC nominal +/- 15%
Dimensions	6.74"H (17.1cm) x 14"W (35.6cm) x 13.25"D (33.7cm)

1. RTTY and other digital modes use 3rd party software over DAX channels.

FLEX-**6600**™/FLEX-**6600M**™

4616 W HOWARD LN #1-150

AUSTIN, TX 78728

P +1.512.535.4713

F +1.512.233.5143

FLEXRADIO.COM

SALES@FLEXRADIO.COM