FLEX-**8400**™/FLEX-**8400M**™

THE FLEX-8400/8400M IS PERFECT FOR BOTH CASUAL AND SERIOUS HF/6M OPERATOR, OFFERING GREAT PERFORMANCE FOR CHASING DX AND CONTESTING

The FLEX-8400 and FLEX-8400M allows use of up to two 7 MHz spectrum waterfall displays and independent receivers to revolutionize your view of the bands. Its two receivers can be placed simultaneously on any band and mode with instant QSY between VFOs. Digital mode and remote operation are a dream.

FOR ANYONE WHO LIKES GAME CHANGING.

The FLEX-8400™ is designed for the ham who is looking to operate the radio from a PC, laptop, Maestro™, Mac or iOS client — either local or remote. The 8400M, on the other hand, allows the same client access, but also allows local operation with a stunning 8-inch 1920 x 1200 IPS WUXGA touchscreen display and ergonomic controls to deliver a high-performance SDR with a traditional radio interface ▬ no PC required. Both models share the same game-changing band awareness, industry-leading phase noise performance, brick wall filters and legendary audio performance to deliver you the most fun across a wide variety of operating styles. Whether you opt for the FLEX-8400 or the FLEX-8400M, leading-edge technology is in your hands.

RECEIVER

Independent Band/Mode Receivers (Max)	2
1/2 kHz Reciprocal Mixing Dynamic Range (RMDR)	110/115 dB
ADC Bits/Sampling Rate	16/122.88 Msps
Frequency Coverage	30 kHz–54 MHz
Amateur Band Preselectors	3rd Order
Cableless Digital Audio Channels (DAX)/DAX IQ Channels	2/2
Receive Only Ports (Base/Including XVTR Ports)	1/2
Full Duplex RX/TX Operation	✓

SPECTRUM/WATERFALL DISPLAY

Internal Touch Panel Display Size Diagonal	8-inch (8400M)
Integrated Display Resolution	1920x1200 (8400M)
External Display Resolution/Connection	1920x1200/external monitor port (8400M)
Spectrum/Waterfall Displays (Max)	2
Spectrum/Waterfall BW (Min/Max)	5 kHz–7MHz
Spectrum Dynamic Range (Max Zoom)	> 145dB
Spectrum Resolution Bandwidth (Min)	5.85 Hz

TRANSMITTER

160m-6m Transmitter Output	1-100W (25W AM)
Harmonic Suppression	< -60 dBc
Transverter Ports	1
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
Integrated Adaptive Pre-distortion	✓

GENERAL

Modes (Note 1)	SSB, CW, AM, SAM, FM, RTTY, Digital
Integrated Remote Operation (SmartLink)	✓
Maestro, PC, MAC, iPhone, iPad Client Options	✓
Integrated 12-channel GNSS Receiver, TTFF (COLD) <35s	GPS, Galileo, GLONASS, QZSS, SBAS
Frequency Stability (0°C–50°C)	0.001ppm (GNSS), 0.5ppm (TCXO)
Optional GPS Disciplined Oscillator	5×10^{-12} Over 24 Hours
External 10MHz Reference Input	✓
Power Supply Requirements	13.8V DC +/- 15% (14 VDC Nominal)
Dimensions	6.74"H (17.1cm) x 14"W (35.6cm) x 13.25"D (33.7cm)

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