

CUBIC'S ALL BAND ASTRO-103

**A new name, a new look, and a new standard
of performance in ham radio!**

(and you don't have to be a computer expert to use it!)

**ALL BANDS INSTALLED
AND OPERATING!**
160 thru 10
including WARC bands

DUAL
ultra stable
PTO's

Fast
break-in
(QSK)

RTTY
VOX

Jack
for separate
receive
antenna

Fully variable
AGC decay

Dual 8-pole filters.
1.4:1 shape factor
-6 to -100dB

True Passband
Tuning with
width and
position
indicators

Built-in
VSWR meter

CW output
pulse shaping
— hard or soft

Sophisticated
Noise Blanker

Speech
Processor

Exceptional Dynamics
Noise Floor -132dBm
3rd order intercept +15dBm

RF/IF Gain
Controls

Optional CW
Narrow Crystal
Filter



ASTRO-103 — The Professional Ham Rig.

The Cubic ASTRO-103 expands on the highly acclaimed ASTRO-102BXA with the addition of the most asked for features — RTTY, an input connector for a separate receive antenna, and of course, ALL BAND coverage from 160 through 10 meters, including the new bands at 10, 18, and 24.5 MHz. All bands are operating now, nothing to buy later, and of course WWV is covered.

With the optional 400Hz crystal filter installed, which cascades with one of the 8-pole I.F. filters and can be moved through the passband, along with QSK provisions, the ASTRO-103 is the CW operator's dream!

Performance under high cross mod conditions found in today's crowded bands is second to none. With dual independent high stability PTO's for split band DX and all its other features, the ASTRO-103 is the result of American Technology and American Quality combined to bring the best to the American Amateur.

See your dealer for a demonstration —
you won't leave the store without one!

CUBIC — Success Built on Excellence

Cubic Corporation with over 3,500 employees world-wide, including more than 1200 scientists, engineers and technicians, has more than one million square feet under roof.

Established in 1951 the company has grown and expanded in high technology fields, including computer based automatic fare collection systems, electronic countermeasures, supersonic pilot training and other defense and space systems, electronic positioning devices and, of course, communications. New Cubic Amateur products reflect this heritage of excellence and is your assurance of the strength and resources to support your purchase in the years to come.



ASTRO-150A

Another member of the ASTRO family, the ASTRO-150, has been highly acclaimed as the ideal Mobile/Base station. With microprocessor control, VRS tuning and microphone scanning, the ASTRO-150A led the way for competitive radios now appearing on the market.



ASTRO-102BXA

The ASTRO-102BXA provides basically all the fine performance of the ASTRO-103 at a lower cost, but less the WARC bands, which of course may be added later if desired.

CUBIC
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