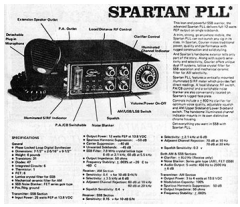

SPARTAN PLL

Extension Speaker Outlet
P.A. Outlet
Lead/Distance RF Control
Clarifier Control
Illuminated Channel Indicator
Detachable Plug-in Microphone
Volume/Power On-OFF
AM/LSB/USB Switch
Illuminated S/RF Indicator
P.A./CB Switch
Noise Blanker
Squelch

SPECIFICATIONS

General
• Phase Locked Loop Digital Synthesizer
• Dimensions 2 1/2" x 6 3/4" x 9 1/2"
• Weight 5 pounds
• Channels 23
• Power 12 volts
• Channels 23 Channels 3
• Operation
• Frequency
• Latice and crystal filter for SSB
• Ceramic filter for AM
• SSB Noise Blanker - 117 volts peak-to-peak
• Mechanical Filter

Transmitter - SSB Section
• Input Power: 25 watts PEP at 13.8 VDC
• Output Power: 12 watts PEP at 13.8 VDC
• Sideband Suppression - 40 dB
• Carrier Suppression - 40 dB
• Harmonic Suppression - 40 dB
• SSB Filter: 2.4 kHz, crystal-lattice type
• 6 dB at 2.4 kHz; 60 dB at 3.6 kHz
• Output Impedance - 50 ohms
• Frequency Stability ± .0005% or ±50 Hz (0° to +50° C)

Receiver - SSB Section
• Sensitivity: 0.5 to 30 dB S/N/N
• Selectivity: 2.4 kHz at 6 dB
• 6 dB at 2.4 kHz; 60 dB at 3.6 kHz
• Image Rejection: 50 dB at 20 kHz
• Squelch Sensitivity: 0.4 μ
• Sensitivity: 0.15 μ for 10 dB S/N

Receiver - AM Section
• Sensitivity: 1.5 kHz at 6 dB
• Selectivity: 6 dB at 3.6 kHz
• Image Rejection: 50 dB at 20 kHz
• Squelch Sensitivity: 0.4 μ
• Sensitivity: 0.15 μ for 10 dB S/N
• Selectivity: 2.4 kHz at 6 dB
• Image Rejection: 50 dB at 20 kHz
• Squelch Sensitivity: 0.4 μ

Receiver - Common
• Output Power: 3 to 8 watts at 13.8 VDC
• Audio Response: 300 Hz to 2500 Hz
• Spurious Harmonic Suppression: 50 dB
• Image Rejection: 50 dB at 20 kHz
• Frequency Stability: ± .005%

SOUND CB SUPPORTER

Courier

SPARTAN PLL

WITH PHASE LOCKED LOOP CIRCUITRY

This lean and powerful PLL Warrior, has a new 12 watts PEP output. A trim, strong, go-anywhere mobile, the Spartan PLL can outpunch any rig in its class.

In Spartan Courier mates traditional power, quality and performance with rugged construction and solid styling and Spartan's handsome exterior tells only part of the story.

For ultimate receiver sensitivity and selectivity, Courier offers unique dual IF systems. Lattice crystal filter for SSB operation and mechanical ceramic filter for AM use.

Spartan PLL features a vertically mounted illuminated S/RF meter which provides fast direct reading.

Controls for Noise Blanker, PA/CB control and a switchable noise blanker are also conveniently located on Spartan's rugged face-plate.

Controls include a ± 600HZ clarifier for optimum voice quality, adjustable squelch and a 117 volt peak-to-peak noise blanker.

The handsome illuminated channel indicator mounts in its own distinctive chrome housing.

Get everything you want in SSB. Test the Spartan PLL
You're sure to make it with Courier

Clive Peeters

ASK THE PEOPLE WHO BUY THERE!

Three transceivers are designed to operate in vehicles using power supplies providing 13.8 Vdc. The Spartan PLL can also be used in stations installations when used with a 13.8 VAC/external power source.

FLYON COURIER

The MAGNAGAME is an AM Citizens Radio Service Band Transceiver. The unit incorporates the most advanced design in Phase Locked Loop (PLL) Frequency Synthesizer circuitry for the generation and precision control of 23 channel frequencies.

The FLAGSHIP 240 is an AM Citizens Radio Service Band Transceiver. The unit incorporates the most advanced design in Phase Locked Loop (PLL) Frequency Synthesizer circuitry for the generation and precision control of 23 channel frequencies.

The FLASH 240 is an AM Citizens Radio Service Band Transceiver. The unit incorporates the most advanced design in Phase Locked Loop (PLL) Frequency Synthesizer circuitry for the generation and precision control of 23 channel frequencies.

The F-FIFAIRE 240 is an AM Citizens Radio Service Band Transceiver. The unit incorporates the most advanced design in Phase Locked Loop (PLL) Frequency Synthesizer circuitry for the generation and precision control of 23 channel frequencies.

The SPARTAN PLL is a Single Sideband (SSB) and AM Citizens Radio Service Band Transceiver. The unit incorporates the most advanced design in Phase Locked Loop (PLL) Frequency Synthesizer circuitry for the generation and precision control of 23 channel frequencies and lower sideband frequencies.

The CLIPPERTAIR PLL is an AM and Single Sideband (SSB) Citizens Radio Service Band Transceiver. The unit incorporates the most advanced design in Phase Locked Loop (PLL) Frequency Synthesizer circuitry for the generation and precision control of 23 channel frequencies (23 channel frequency upper sideband and lower sideband frequencies)