

Millennium VanPack

Single, Dual-band or Simultaneous Mode



Applications

- Electronic News Gathering

Features

- “Split box” transmitter designed for mobile van applications
- Antenna mounted RF units
- Rackmounted baseband shelf
- Choice of configurations:
 - ◆ Single band 2, 7, or 13 GHz
 - ◆ Dualband 2/7, 2/13 or 7/13 GHz
 - ◆ Simultaneous 2/7, 2/13 or 7/13 GHz
- Upgradeable to the new 2 GHz channel plan
- High/Low Power Output, 2 GHz (12 Watt/3 Watt)
- Synthesized audios with two subcarriers, 4.83 to 8.59 MHz
- Front panel mic/line switch
- Color bar generator option:
 - ◆ Auto/Standby mode
 - ◆ Video detector standby mode
 - ◆ SMPTE color bars
 - ◆ Two distinct audio test tones
 - ◆ Selectable video display of station ID
- Optional Pan & Tilt Controller
- Digital frequency synthesizers
- Standby mode, instant on-frequency transmission

Overview

The Millennium Series VanPack offers broadcasters and mobile van system integrators an ideal combination of features and performance at a reasonable price. Featuring the same baseband board, synthesized audios, and optional color bar generator as our Millennium Series portable transmitters, the Millennium VanPack incorporates a split box design that generates the RF signal adjacent to the antenna, eliminating the need for a separate power amplifier.

The Millennium Series VanPack includes a compact indoor baseband shelf that contains the baseband video and audio processors, controls, switchable meter, and optional antenna pan/tilt controls. The controls include band and channel select, mic or line level audio select, high/low/standby power switch, and controls for the optional color bar generator. Additional controls include antenna polarization selection.

The outdoor RF unit is designed to attach to MRC's 2A20/7A30 transmit antenna and provides up to 12 watt output level at 2 GHz. Up to two RF units can be attached in a standard configuration, with separate baseband, power, and control lines in the Nycoil tube. This feature eliminates the need for heavy duty (SF214) coax cables in the Nycoil tube.

An optional pan & tilt controller is available within the two rack unit baseband shelf as well as a remote control box for operation from outside the mobile van.

