

## ENG/OB Central Receiver Integrated HD/SD MPEG2 – COFDM plus FM Analog

### Features:

- HD/SD MPEG decoding
- DVB-T COFDM demodulator, auto detects COFDM modulation parameters including auto switching for 6, 7 and 8 MHz bandwidth
- Multiple, selectable demodulation formats available
- Outputs: composite video, SDI, DVB-ASI and 70 MHz
- Audio outputs: two analog standard, four audio available, AES/EBU for both analog and digital operations
- Switchable between present and new 2 and 2.5 GHz plan, auto-detects and corrects for 3 or 4 MHz modulation deviation
- Capable of single, dual or tri-band operation
- Three selectable IF filters—8, 12 and 20 MHz
- RS-232 plus and parallel remote control interface
- Front panel Smart Display of RSL plus receiver parameters and system diagnostics
- Easy system integration, compatible with most ENG/OB receive antenna/remote control systems
- Optional: remote Spectrum Viewer and third demodulation format, VSB



The Newscaster CR7 is the broadcaster's best choice for the transition to HD/SD digital ENG. Nucomm's central receivers have long been the choice of many 24 hour news operations due to their extremely high reliability, sensitivity, ease of operation and flexible feature set.

The CR7 is available as a totally integrated unit equipped with an MPEG decoder, DVBT-compliant COFDM demodulator and a (NTSC/PAL) FM demodulator. The Newscaster CR7 features software demodulation formats that are stored on circuit board PROMs (programmable read only memory).

The Newscaster CR7 operates in the 2 GHz band. It is configurable for multi-band operation and can support the 7 GHz and 13 GHz bands using Nucomm's external block down converters. Other frequency bands are available from 1.5 to 15.4 GHz. During and after the 2 GHz relocation, analog operation will require the reception of both 3 and 4 MHz deviation signals. The CR7 is capable of switching between the current and the new 2 GHz bands as well as the 2.5, 7 and 13 GHz bands.