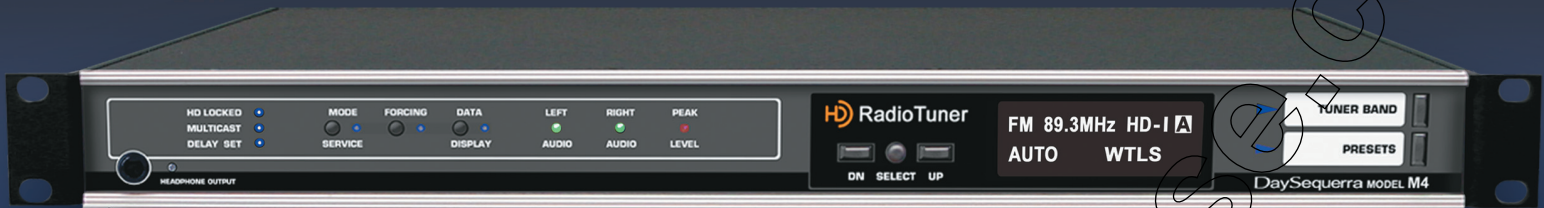


Affordable precision monitoring for your AM, FM and HD Radio® broadcasts



HEAR THE BEST! DaySequerra M4.2R



At DaySequerra, we have a reputation to uphold. Our 1987 FM Reference tuner is credited with redefining the state of the art. Nearly twenty years later, we fused the same **MUSICAL DNA™** into our M4 HD Radio™ Tuner and it became the fastest selling professional HD Radio™ tuner in the world.

With success like that, encores can be challenging, but we're up for it. Introducing the M4.2R. Think of it as an M4 on steroids. Like the original M4, the M4.2R gives you superb audio through its over-sampled D/A converter and Class-A biased audio outputs. With HD Radio™ stereo separation exceeding 90db and THD+N under 0.5%, you won't just listen — you'll hear. Like its predecessor, the M4.2R stores 20 AM and 20 FM presets and tunes AM, FM and HD Radio™ Multicast channels HD-1 through HD-8. The digital audio output works full time, even when tuned to an analog station. And its benchmark sensitivity and superior IF rejection make the M4.2R at home in extreme RF environments.

If you're considering consumer HD radios to monitor your HD signal, consider this: The M4.2 comes complete with everything you need to alarm your signal — including your data. You can assign six dry, floating relays to report a variety of alarm conditions, including loss of RF Carrier, Audio, OFDM Lock, RBDS Data, PAD Data, Multicast or Delay Bit. And the included Ethernet port and Remote Dashboard™ software gives you full remote control, logging and E-mail notification of alarms. Just try that with your Kenwood car stereo!

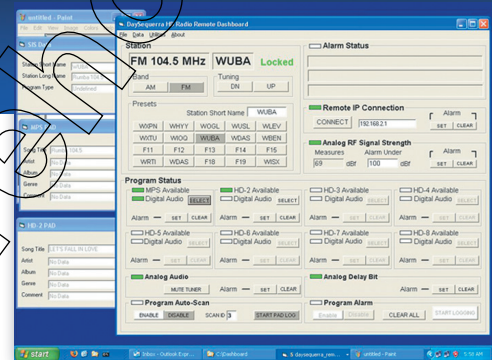
The M4.2R displays RBDS data, PAD data, signal strength and multipath on its easy to read vacuum florescent display. LEDs show Left and Right Audio Signal Present and Peak Level. Time alignment between analog and HD signals is a snap using "Split Mode" through the Class-A biased, ultra-low distortion headphone amplifier. And a smart control lockout feature keeps unauthorized fingers from changing your front panel settings.

Since we've sold over 1000 M2 Modulation Monitors and M4 Tuners, there's a good chance you or someone you know already has one. In keeping with our original promise that your DaySequerra product will never become obsolete, you can upgrade any existing M2 or M4 to the latest version. See our website for details.



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www.daysequerra.com



DaySequerra M4.2R features and benefits

- Synthesized, pushbutton tuning for AM & FM bands including HD-1 through HD-8
- 20 preset stations for AM & FM bands
- Multi-function vacuum florescent display (VFD) with signal strength & multipath
- Left and Right Audio "Signal Present" indicators
- Demodulated Audio Peak Level indicator
- HD Locked & Delay Bit (active analog diversity delay) front panel indicators
- Displays and decodes HD-1 through HD-8 PAD data & RBDS data
- Easy to use HD Radio™ digital-to-analog "Split Mode" for signal, time, level and phase monitoring
- Antenna level RF inputs for both AM & FM bands
- Balanced analog audio outputs at +4dBV on XLR connectors
- Transformer-isolated full time 110 ohm SPDIF digital audio output on XLR connector—5.1 Surround capable
- High current, Class-A headphone output with front panel gain adjustment
- Audio, carrier, data & HD loss notification via E-mail from Remote Dashboard software
- Six rear panel mounted assignable alarm relay contact closures
- Ethernet port for streaming PAD data or full remote control & monitoring with included Remote Dashboard™ software
- Front Panel control lockout feature to prevent unauthorized changes to setup
- FLASH-upgradeable for future-proof operation
- Built in the USA to last—full 3 year warranty

TECHNICAL SPECIFICATIONS:

RF Tuning Range	AM: 520kHz to 1720kHz in 10kHz increments FM: 87.9MHz to 108.1MHz in 200kHz increments
RF Useable Sensitivity	AM: 5dBf for SNR -20dB referenced to 30% modulation FM: 5dBf for SNR -30dB referenced to 100% modulation
IF Rejection	AM: greater than 100dB for SNR -20dB FM: greater than 100dB for SNR -30dB
AF Bandwidth	AM: ± 1 dB, 40Hz to 15kHz FM: ± 1 dB, 20Hz to 20kHz
AF THD+N	<0.005% (digital audio)
Stereo Channel Separation	>90dB (digital audio)
HD Radio™ Hybrid Acquisition	<4.5 seconds
HD Radio™ Blend Level Accuracy	<0.5dB
HD Radio™ PAD Data Display	Station long and short name, program type, song file, artist, album, genre and comment fields
RBDS Data	PS (Program Service) and RT (Radio Text) fields
Programmable Status Alarms	RF Carrier Loss, Audio Loss, OFDM Lock Loss, RBDS Stream Loss, PAD Data Loss, Multicast Available Loss / Delay Bit Loss
Dimensions	1RU 1.75"H x 19"W x 14"D (4.4 x 48.3 x 35.6cm)
Shipping Weight	10 lbs. (4.5kg)

ALSO AVAILABLE

M4.0X Model M4.2R, less RBDS, Signal Strength and Multipath display, full time digital output, alarm relays, Ethernet interface and Remote Dashboard™

M4.0C Model M4.0X (above), deletes rack mounting, adds cosmetic handles and feet for table-top mounting

Upgrade any M4 to M4.2R features and specifications — see our website for details!



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