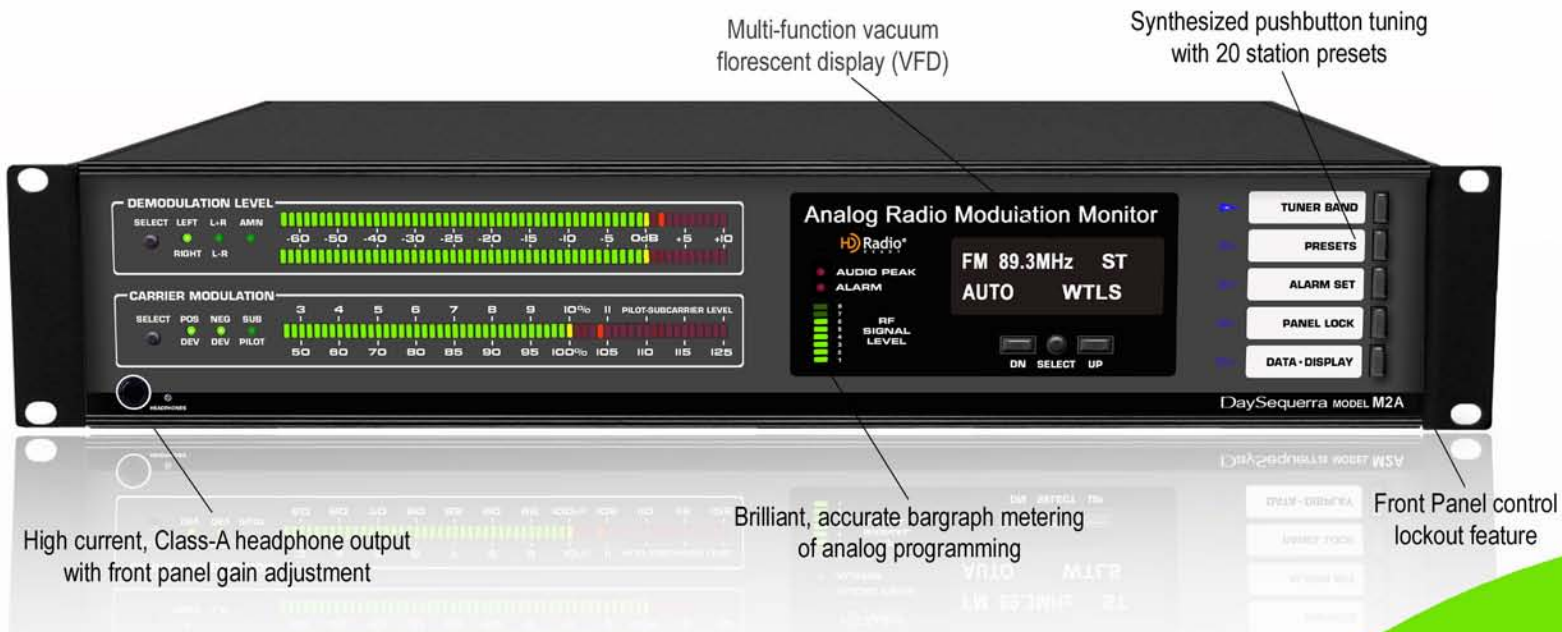


Monitor your Analog station today. Monitor your HD Radio station tomorrow



The M2A-FM is the world's best Analog FM monitor complete with world-wide tuning and de-emphasis settings.

DaySequerra is the leader in HD Radio™ monitoring, and every one of our HD Radio™ monitors starts with a superlative analog monitor section. The M2A-FM measures your analog signal with digital accuracy, insuring that readings will remain stable and reliable over time. Selectable measurement integration times let you control peak reading for maximum modulation.

The M2A-FM includes a sensitive yet selective synthesized FM preselector with 20 presets so you can quickly monitor other stations off the air. A high level input with built-in attenuator lets you connect directly to a forward power RF port for greatest accuracy. RBDS is decoded and shown on the M2A's Vacuum Florescent Display (VFD).

The M2A's brilliant LED meters can be read from across the room. The upper meters measure stereo, L+R, L-R and incidental AM noise. The lower meter measures positive and negative carrier deviation, and also pilot and SCA injection levels. 57kHz RBDS subcarriers can be accurately read to a minimum level of 2.6 percent. A multiplex output lets you connect external SCA demodulators.

The M2A-FM comes complete with opto-isolated alarm outputs for audio peak, audio program, carrier loss and RBDS, with flexible settings for level and duration.

In addition to its accuracy and features, the M2A-FM gives you audiophilegrade Class-A biased audio outputs, so you can precisely monitor and adjust your processing. In addition to L and R analog outputs, the M2A-FM has a full-time digital output, so you can feed your AES monitoring chain, and a front panel headphone jack powered for uncompromised, full-quality audio.

The optional Ethernet Remote Control package comes bundled with DaySequerra's Remote Dashboard™ software, a proprietary PC-based application that gives you 100 station scanning, remote control monitoring, logging and alarms with E-mail alarm notification.

"We created the M2A-FM in response to broadcaster requests for a new, state-of-the-art, FM monitor with the accuracy and features found in our HD Radio units."

*--David Day
President of DaySequerra*

M2A-FM Off-Air Analog FM Mod Monitor



Technical Specifications

RF Tuning Range	87.9MHz to 108.1MHz in 100 or 200kHz increments, selectable
FM De-emphasis	75µs or 50µs, selectable
RF Useable Sensitivity	5dBf for SNR -30dB referenced to 100% modulation
IF Rejection	greater than 100dB for SNR -30dB
AF Bandwidth	±1dB, 20Hz to 18kHz
AF THD+N	<0.2% @ 100% modulation
RBDS Data Display	PS (Program Service-station call sign), PT (Program Type-station genre), CT (Clock Time) and RT (Radio Text) fields
High Resolution Carrier Modulation Displays	Positive peaks only, negative peaks only or both simultaneously; 1% resolution between 120 and 80%, 2% resolution between 80 and 46%; measurement integration time is user programmable at 0.1ms, 0.2ms, 0.5ms or 1.0ms
High Resolution Demodulated Audio Display	Left & Right, L+R or L-R, peak responding between +10dB and -30dB average responding between -30dB and -64dB; peak-type measurements of injection level for 19kHz pilot, 67 and 92kHz subcarriers and incidental AM noise
Power	105-130VAC or 210-260VAC, 50-60Hz, 15 watts
Dimensions	2RU 3.5"H x 19"W x 14"D (8.9 x 48.3 x 35.6cm)
Shipping Weight	18 lbs. (8.2kg)

The optional Ethernet Remote Control package adds an Ethernet port for network access and comes with Remote Dashboard software application. It also supports remote control, remote scanning with 100 station presets and alarms via E-mail.

Visit our website
www.daysequerra.com
 for more information regarding your
 M2A-FM upgrade today.

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