DESCRIPTION

Belar's Automatic Delay Correction software provides a simple and cost-effective way to eliminate HD Radio diversity delay errors. The software consistently adjusts for time alignment, eliminating the delay between HD and analog FM programming to ensure a pleasant listening experience.

Belar accomplishes this important task without forcing its customers to push the audio through the modulation monitor but instead by establishing an IP connection with the current delay device. The FMHD-1 then feeds the adjustment back toward the front of the air chain, with corrections taking place in the audio processor, precision delay or exporter.

- Support for:
    - Omnia, Orban and Wheatstone Processors
    - GatesAir and Nautel Exporters
- Multi-Scan Feature allows Delay Corrections on up to Six Stations
- Automatic Correlation Time Window Expansion/Contraction for Enhanced Time Tracking
- Adjustable Ramp Function for Smooth Delay Transisitions

Please contact Belar for availability, pricing and a list of the currently supported products.

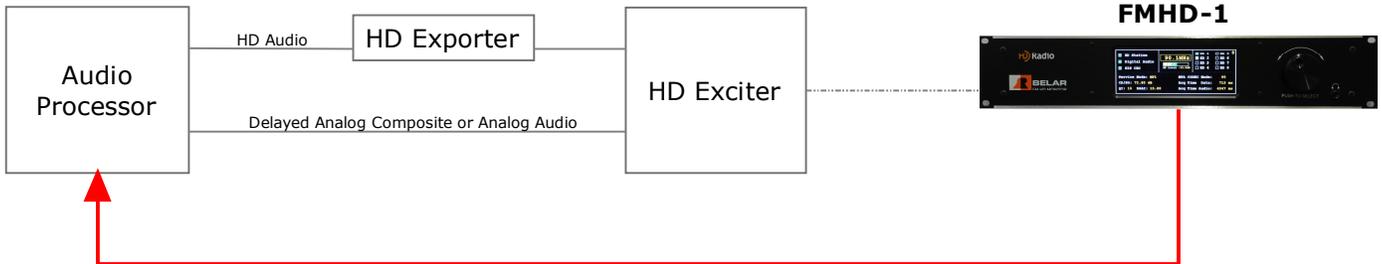Specifications are subject to change without prior notice.

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Automatic Delay Correction Implementations

Audio Processor with Delay

| Audio Processor | HD Audio → HD Exporter | | HD Exciter | FMHD-1 |

- HD Audio
- HD Exporter
- Delayed Analog Composite or Analog Audio
- HD Exciter

Audio Processor without Delay

- HD Audio
- HD Exporter
- Analog Audio
- Delayed Analog Audio
- HD Exciter
- FMHD-1
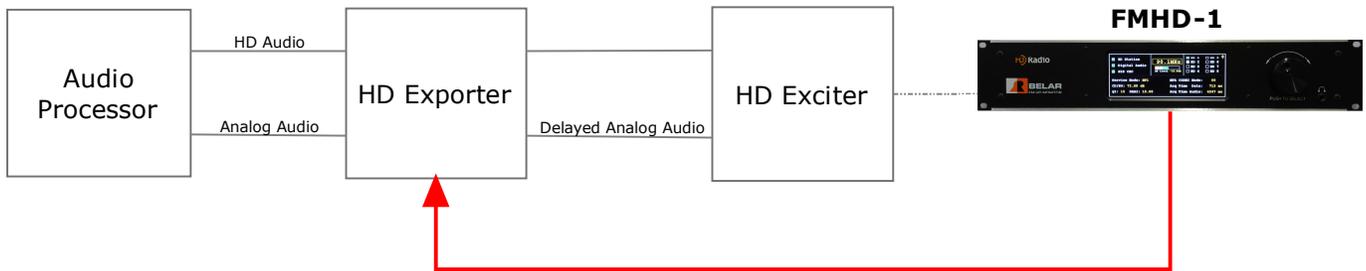
External Precision Delay
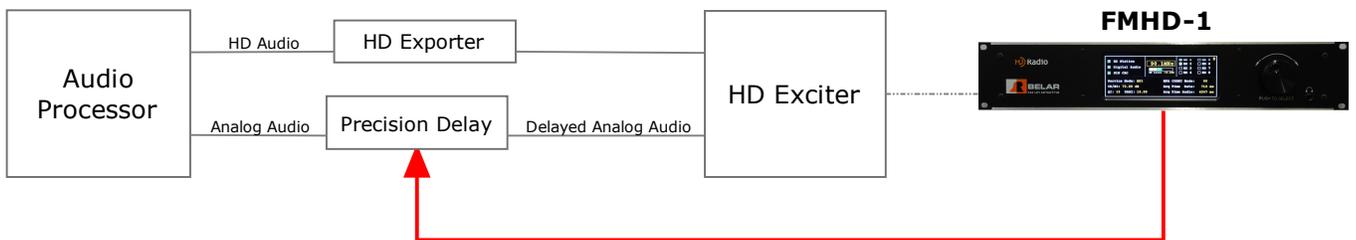
- HD Audio
- HD Exporter
- Analog Audio
- Precision Delay
- Delayed Analog Audio
- HD Exciter
- FMHD-1

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Where Accuracy Counts . . . Count on Belar!