

# AARON 640/650 Premium FM Rebroadcast Receivers

## Feature Comparison Sheet



| Features                                                                                          | AARON 640                                   | AARON 650 |
|---------------------------------------------------------------------------------------------------|---------------------------------------------|-----------|
| Unparalleled 'Software-Defined-Radio' receiver performance.                                       | ✓                                           | ✓         |
| Composite Pass-Through and Baseband Regeneration modes.                                           | Composite Pass-Through Mode Only            | ✓         |
| Dual Antenna Inputs (N connectors) and Dual Composite Outs (independently adjustable).            | Single Antenna Input & Single Composite Out | ✓         |
| Active reception processing for Bandwidth, Stereo Blend, HF Blending and more.                    | ✓                                           | ✓         |
| Synchronous, low-latency ( $\leq 2.4\text{ms}$ ) off-air composite output.                        | ✓                                           | ✓         |
| Balanced Analog and AES-Digital Program Line outputs.                                             | ✓                                           | ✓         |
| Local alarm tallies plus self-logging alarms constantly check for Audio Loss, RF Loss & RDS Loss. | ✓                                           | ✓         |
| Remote control web interface with live listening, plus email and SMS alarm notifications.         | ✓                                           | ✓         |
| Includes "F" to "N" connector adapter.                                                            | ✓                                           | ✓         |
| BandScanner for onsite RF Spectrum Analysis.                                                      | ✓                                           | ✓         |
| Failover audio backup via SD CARD and web-stream audio.                                           |                                             | ✓         |
| FFT Spectrum Analyzer for the Composite Baseband, Left/Right XY plots & audio levels over time.   |                                             | ✓         |
| RDS messaging can be altered and modified for rebroadcast.                                        |                                             | ✓         |
| RDS message logging via Com Port to a local PC for proof of play.                                 |                                             | ✓         |