



542APC Universal Audio Processor

+ FM Monitor and Analyzer + RDS

FM / HD/ AM / TV / Streaming

- ✓ Five bands: 5 x AGC; 5 x Compressor; 5 x Limiter; 5 x Clipper (IM cancelled).
- ✓ Increases the FM distance range and avoids interference and noise in News & Journalism programs.
- ✓ Total flexibility: the 542 is a Universal Processor that changes the model and number of bands by changing software.
- ✓ The software can be remotely upgraded without interrupting the on-air programming.
- ✓ Improves the announcers voices due the settings change from Music to Voice when microphones are open.
- ✓ The only processor at the market that includes FM Monitor with Audio Quality Analyzer
- ✓ In case of failure of the connection with studio automatically switches to another input.
- ✓ It's the only processor at market that improves your sound quality by correctios of the chain: Xmtr - Coaxial - Antenna.
- ✓ It send messages to cell phone about transmission problems or operating errors.
- ✓ Includes RDS / RBDS Coder to see texts in FM receivers.
- ✓ Includes TWO versions of remote control software: one for engineers and other for operators (Lite Commander).
- ✓ Options 542/ AoIP for streaming input and RM-542 for remote control from the studio.

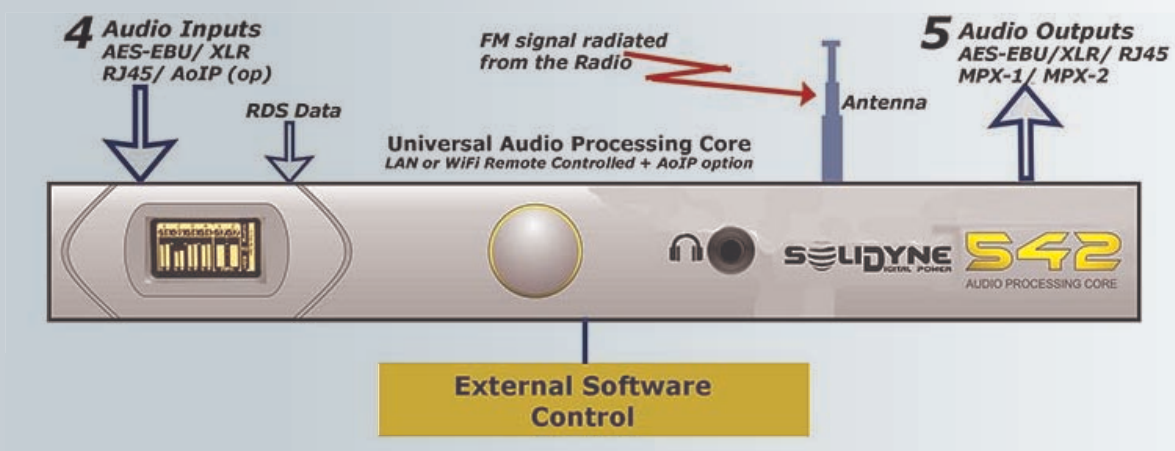
It can work stand alone managed from the Scrub Wheel and OLED Display but it can also be controlled by LAN or Internet using a simple PC or Tablet WiFi, Cellphone or iPad

✓ Why invest in buying the Solidyne 542APC processor?

- ▶ Because it will avoid your radio for spending money to acquire expensive new audio processors models that quickly become obsolete and should be replaced.
- ▶ For years these "new" models have the SAME equipment inside (*DSP system*) and only change their software and some aesthetic details.
- ▶ Why then should keep buying your radio a new processor every time you want to improve the sound quality? Today Solidyne offers the possibility of forget this costly expense during 20 years.
- ▶ Because the 542 is a Universal Audio Processor that nobody offers at the market. Your radio will pay ONCE for the equipment and installation. Thereafter you can completely change your processor model, in seconds, simply downloading software from our website



542 APC is the Solidyne solution for giving to your radio always the best sound of the city





Solidyne has created something new and different: the 542APC is a powerful DSP computer to process audio. It operates based on software that you can change every time you need, downloading it from our website. *All updates of the same model are offered FREE.*

For the first time the perfect solution is on the market now. This processor can also operate in FM, AM, HD Radio, TV or streaming on the Web. You can work with the number of bands that you require. It also includes its own encoder RDS / RBDS.

Never will stay off the air because in case of lack of signal in any of its 4 inputs, it will switch automatically to another input signal. Returning to the original signal when the problem is solved.

The APC 542 is the only processor at the market that controls the on air transmission. And also measures the transmitter, coaxial cable and antenna system. The 542 includes a new idea that has revolutionized the market: to add a digital FM receiver to analyze the transmitted signal. The 542 includes an internal FM Modulation Monitor allowing the perfect adjustment and even check the modulation level of your competition.

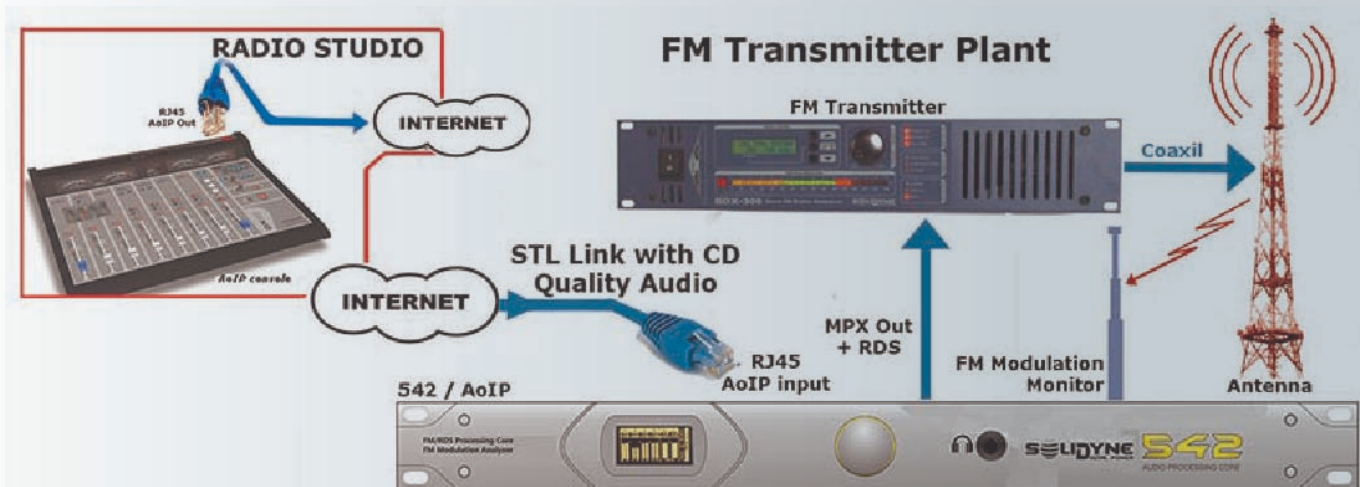


But most important are two things that distinguished us from all other brands...

You buy the 542 processor today and can upgrade it for free during 20 years.

It is the only processor in the world that includes an FM Modulation Monitor / Analyzer. And also it has an internal RDS-RBDS encoder.

The model 542 / AoIP has LAN streaming input using Internet. This is the great solution for having a digital link to transmission plant without to buy a costly digital link.





Optional remote control RM 542 **an elegant solution for your studios**



- We all know that if you want an FM radio with a great sound and scope, the processor must be at a few meters from the transmitter. This means that usually it will be away from studios. But we would all like to see the processor in the study. Of course you can use the PC of your radio or Tablet to remotely control it... but. For the very demanding people we create the RM-542 accessory that lets you see the APC 542 from the studios and control all settings of your radio, even the transmitter and antenna... from your desktop.



- Using the side supports it can also be rack mounted. You can make adjustments and get a unique sound in the air and save different presets. Also check whether your modulation is correct and compare it with that of its competitors. And make measurements of on-air sound quality (including the transmitter and the antenna) Without interrupting the program. A comfortable 7-inch color display touch-screen and a scrub wheel facilitate handling.

View of the rear panel with 4 inputs and 5 outputs remotely switchable

