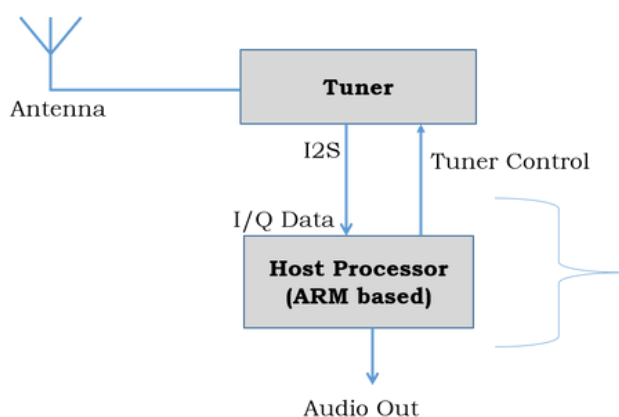# Inntot Software based DRM Digital Radio

Description

- DRM for AM and FM
- SDR implementation optimized for ARM
- ASRC component for sample rate conversion
- Data Services - Journaline, MOT Decoder, MOT Slideshow, Service and Program Information
- Compliant with DRM Minimum Receiver Requirements for MW
- Field Tested in Indian Cities and rural areas
- Portable across Platforms/SoC/Operating System
- Cost Effective
- Excellent RF Performance
- Superior Time to Audio
- Support for Multi-tuner

Applications

- Automotive Infotainment
- Consumer Devices
- USB Dongle based devices

Standards

- DRM System Specification - ETSI ES 201 980 V4.2.1
- DRM Minimum Receiver Requirements v4.2
- Journaline - ETSI TS 102 979 V1.1.1
- MOT Protocol - ETSI EN 301 234 V2.1.1
- MOT Slideshow - ETSI TS 101 499 V2.2.1
- SPI - ETSI TS 102 371 V3.2.1

Features

- Manual Scan, Auto Scan
- Service playback
- Service list, Service details
- Text Message
- Tuning from DRM component.
- AFS Signaling
- Announcements including Emergency Warning
- Reconfiguration
- Channel Seek Up/Down
- Service Seek Up/Down
- Manual Channel Up/Down
- DRM Data services
- DRM Packet Decoding
- Recording and MDI playback
- BER, PCBER computation

Demodulator & Channel Decoder

- Robustness Modes A, B, C, D, E

Market Deployment

- Deployed in ~1.2 million units across 45 variants in 13 car models

2025