LYNX

The quality and accuracy
of a Broadcast Digital FM Tuner

Lynx is an evolved Broadcast Digital FM Tuner, designed for receiving, monitoring and listen to FM radio signals. The built in web interface allow multiple users to display all the parameters and details of the incoming signal. The tuned audio frequency is available on the analog balanced output (XLR), on the digital output AES/EBU (XLR), on the headphone output and via IP streaming. At the same time. The quality and accuracy of the built-in tuner allow a very strict analysis of the tuned frequency, modulation and the RDS data decoding.

Main Features

Real time measurement

High quality tuner

Signal analysis of: RF, MPX, AUDIO and RDS

Built in web server for remote acces

Decoder RDS with complete data decoding

Double ports for Net connection

Analog balanced output and AES/EBU on XLR

High shielded against strong RF fields

Receiving:

- RF Level incoming
- Multipath
- Carrier Offset

The front panel control:

- IP Ethernet port
- Digital and Analog level output
- Time and treshold alarm
- Headphone level

The led panel displays the receiving status:

- Tuned
- Stereo
- RDS
- 3 different alarms: Low RD, Low Audio and RDS Errors.

Deviation:

- MPX
- Audio
- Pilot and RDS

Decoding RDS:

- PS
- PI
- BLER
- TA
- TP
- MS
- DI
- PTY / PTYN
- AF Presence
- RT / RT+
- TMC

The built in web server allows to preview the following details:

Receiving:

- RF Level incoming
- Carrier Offset
- Multipath
- Adjacent Channel
- Alternative Channel

Audio parameter decodified:

- L/R RMS
- L/R peak

Deviation:

- MPX
- Audio
- Pilot
- RDS

RDS Decoding:

- PS
- RT
- PI

- Imnbalance
- Mono
- MPX Power
- Audio spectrum streaming received.

Presence of services of:

- CT
- AF
- RT
- RT+
- TMX
- EON
- IH
- LA
- EG
- ILS
- LSN

- EON
- BLER
- CT
- TP
- TA
- MS
- DI
- PTY
- PTYN
- PIN
- transmitted groups

List of all the alternative frequency, up to a 64 lists, A/B list and REG check. Preview of EON data.

Page welcome to RDS statistic analysis and decoding of the RDS flux with the possibility of download for a better analysis.