



NEXT GENERATION RADIO TRANSMISSION

CONNECTING WHAT'S NEXT



GATESAIR RADIO PRODUCT FAMILY

Radio

FM

Low Power



Flexiva™ FAX



Flexiva™ LX

FAX Air Cooled



Flexiva™ FAX



Flexiva™ FAX

FLX Liquid Cooled



Flexiva™ FLX



Flexiva™ FLX

DAB

Low Power



VAXT 80/150
Ultra Compact

Air Cooled



VAX 300/450



VAX 550/750



VAX 1.2kW - 13.6kW

VLX Liquid Cooled



VLX 3.8kW - 45.6kW



NEW PRODUCTS

• FAX OPTION

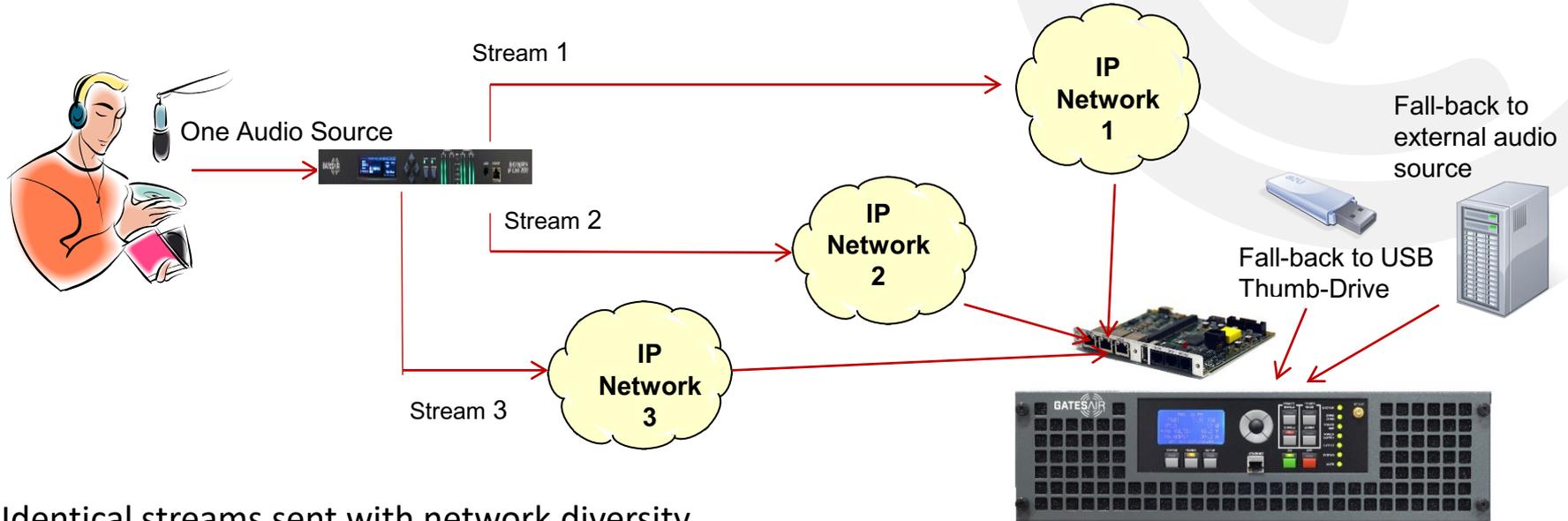
- IPL -100e
- Integrated IP Link
 - Reliable transport streams
 - Full duplex audio
 - 3 independent IP interfaces
 - Prioritized backup stream sources for redundancy
 - Time Diversity to prevent packet losses



Option
Cards



SUPPORTS DYNAMIC STREAM SPLICING



- Identical streams sent with network diversity
- FEC and Time Diversity setting for each streams
- “Hitless” operation
- Fall back to USB play-list or local audio source



FLEXIVA (FAX) 15kW

- FAX 15kW Analog or Digital
 - FAX15KFAX300 – Analog version
 - FAX15KFAX300HD – Digital version
- Efficiency
 - Highest Efficiency
 - 72% AC to RF Efficiency in FM
 - > 60% AC to RF Efficiency in FM+HD at -14dBc
 - 54% AC to RF Efficiency in FM+HD at -10dBc
- Redundancy
 - Hot Pluggable Power Amplifier
 - Hot Pluggable Power Supplies
 - Backup Hardware Controller Standard
 - One to One PS to PA Ratio
 - Redundant Variable Speed Fans



FLEXIVA (FAX) – FAX 15kW

• Redundancy

- Hot Pluggable Power Amplifiers
- Hot Pluggable Power Supplies
 - One to one PS to PA Ratio
- Backup Controller
 - Maintains Full Power
 - Maintains Drive Redundancy
- Redundant Variable Speed Fans
- Dual Drive - Option

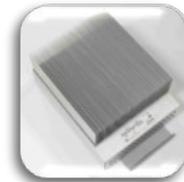
Dual Exciter
Integrated Exciter Switching



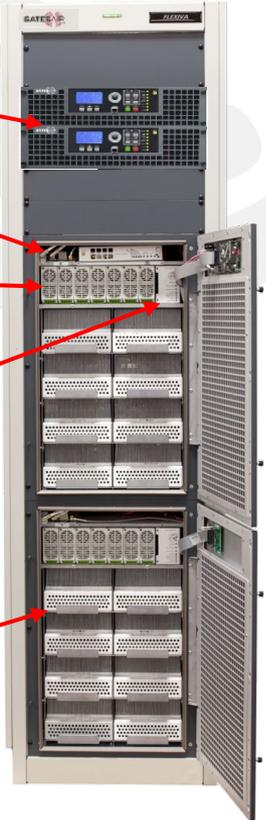
Power Supply



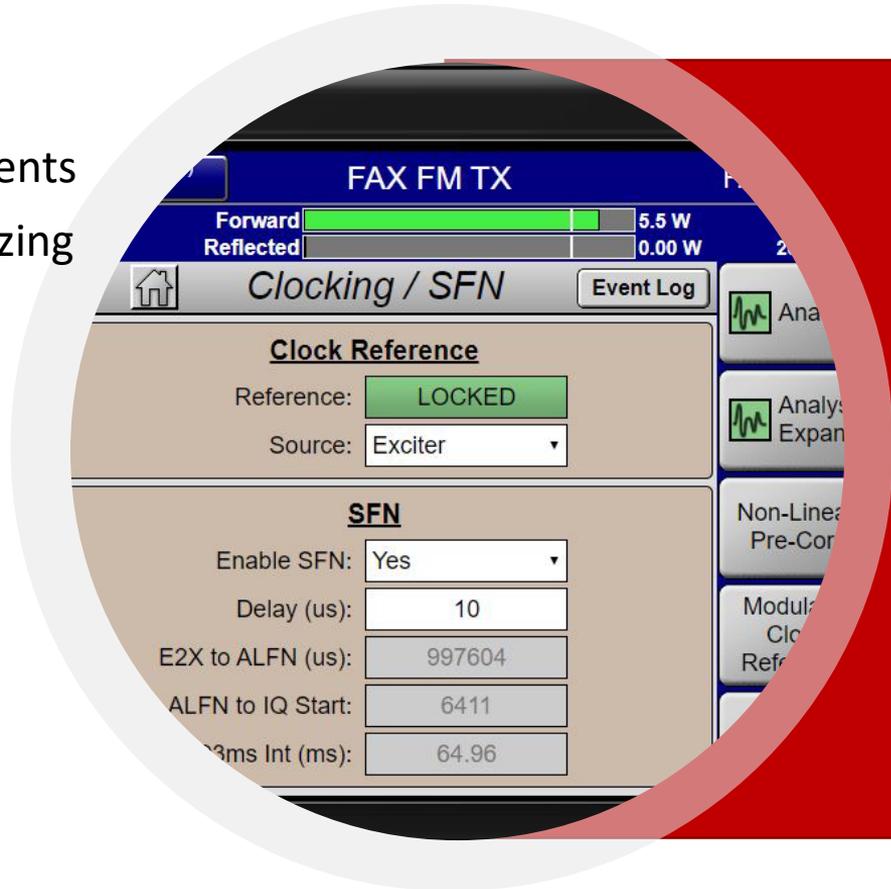
H/W Backup Controller



Power Amplifier



- Synchronization software enhancements
- ALFN Frame Alignment for synchronizing
- Target Delay Setting
- Additional SFN Diagnostics
 - E2X to ALFN timing
 - ALFN to IQ Start
 - E2X to Interrupt Timing





FLEXIVA COMPACT SERIES

50 watts to 3.5kW

FLEXIVA COMPACT: 50W TO 3,850W

70% AC to RF Efficiency 500W through 3.5kW Analog FM

- High Efficiency (>80% DC-RF) LDMOS PA Technology
- High Efficiency (96% AC/DC) Power Supplies
- Highly efficient variable speed cooling system

FAX 50 / FAX150
55W/ 165W



2RU x 13" (31cm) Depth

FAX 300 / FAX 500 / FAX 1K
330W / 550W / 1,100W



3RU x 20.5" (52cm) Depth

FAX 2K / 3K / 3.5K
2,200W / 3,300W / 3,850W



4RU x 24.5" (62cm) Depth

Flexiva Compact (50W – 3.5kW)

FLEXIVA (FAX) – LOW POWER 300W – 3.5KW

- Front Panel Access

- Air filter change on-air with no interruption to service
- Hot Pluggable Power Supplies (300W through 3.5kW Models)

Hot Pluggable
Power Supplies



Connecting for the Future

FLEXIVA (FAX) – LOW POWER 3KW – 3.5KW

- Front Panel Access

- Air filter change on-air with no interruption to service
- Hot Pluggable Power Supplies
- Redundant Power Supplies (2kW – 3.5kW)

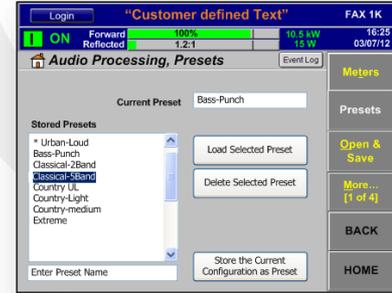
Hot
Pluggable
Power Su



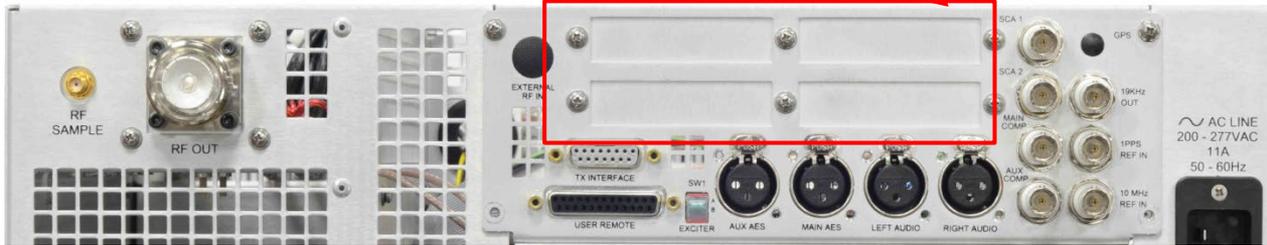
FLEXIVA (FAX) – LOW POWER 50W – 3.5KW

- FAX Low Power

- Internal Orban 5500 Processor
- Internal GPS Receiver
 - SFN Applications
- Digital Options
 - HD Radio Engine Card
 - DRM+
 - CDR – China Digital Radio



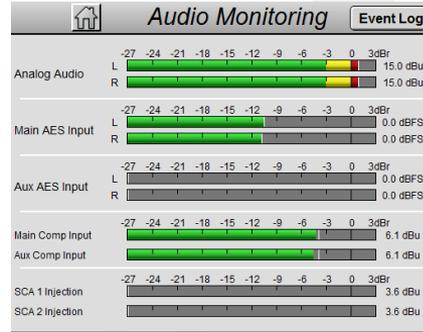
Options Cards



FLEXIVA™ MODULATOR: INPUTS

Multiple Program Inputs

- Automatic Failover Switching
 - (2) AES digital audio
 - (1) Analog L/R
 - (2) Analog MPX/Composite
 - (2) Digital MPX/Composite over AES192
 - (2) SCA / RDS Baseband



Input Mux Setup Event Log

- Primary Source: Main AES Audio
- Backup Source: Analog
- Source Selection: Primary
- Stereo Mode: Stereo
- Auto Switching Primary to Back: Disabled
- Auto Switch Back: Disabled
- SCA 1 Auto Disconnect: Disabled
- SCA 2 Auto Disconnect: Disabled



(2) SCA / RDS

Aux AES MPX/AES192 Main AES Left Right Aux Comp Main Comp

Audio Thresholds Event Log

Input	Monitor Threshold	Undercut Delay T1	Return Delay T2	Log Type
Analog	-40 dBu	30 S	30 S	Warning
Main AES	-55 dBFS	30 S	30 S	None
Aux AES	-55 dBFS	30 S	30 S	None
Main Comp	-40 dBu	30 S	30 S	None
Aux Comp	-40 dBu	30 S	30 S	None
SCA 1	-40 dBu	30 S	30 S	None
SCA 2	-40 dBu	30 S	30 S	None

WEB GUI – HOME SCREEN

The screenshot shows the GATESAIR web GUI home screen for station 'Galei Zahal 102.3'. The interface includes a top navigation bar with 'admin (Engineer) Logout', station name, and frequency. The main area is divided into several sections:

- Drive Chain:** A block diagram showing the signal path from Exciter to IPA, Power Amp, and Output.
- Source Selection:** Options for Primary (Analog) and Backup (M Comp) sources.
- Total Modulation:** A meter showing modulation levels from -20 to +30dB, with buttons for Analog, M Comp, SCA 1, SCA 2, RBDS, and Pilot.
- System Status:** A vertical list of components with green indicator lights: Exciter, Drive Chain, Power Amp, Power Supply, Output, System, and Mute.
- Control Panels:**
 - Remote Enable/Disable (REMOTE ENABLE/DISABLE)
 - Power Raise/Lower (POWER RAISE/LOWER)
 - Transmitter ON/OFF (ON/OFF)

Callout boxes point to the following features:

- User Log-In
- User Text
- Fwd/Ref Power Meters
- Remote Enable/Disable
- Power Raise/Lower
- Summary Status/Faults
- Main & Backup Audio Sources
- Modulation Source Setup
- Total Modulation Meter
- Modulator Setup
- Transmitter ON/OFF



LX LOW POWER TRANSMITTERS

100 watts to 1000 watts

FLEXIVA LX SERIES: 100W TO 1KW

LX 100
1W to 110W



2RU x 17.7" (45cm) Depth

LX 300 / LX 600
30W to 660W



2RU x 17.7" (45cm) Depth

LX 1000
100W to 1050W



2RU x 17.7" (45cm) Depth

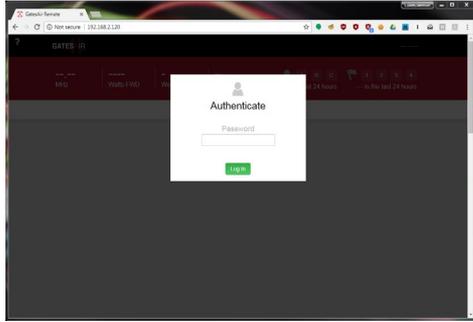
Flexiva LX Series (100W – 1kW)

FLEXIVA LX PRODUCT FEATURES

- Hot Pluggable Power Supplies
 - Redundant in LX 1000
 - Optional Redundant Supply in LX100, LX300, LX600
- Integrated Digital Multi-band Audio Processor
 - Stereo Encoder
 - Composite Clipper
- Dynamic RDS Generator
 - Implemented in software release 2.0
- Digital MPX/Composite input over AES192
- Direct-to-Carrier digital modulator
- SNMP, Email Notification, Web GUI
- GPIO, 4 in 4 out



WEB GUI – HOME SCREEN



A screenshot of the web GUI home screen for a GatesAir LX1000 4660. The browser address bar shows "192.168.2.120". The page features a dark red header with the "GATESAIR" logo and the device ID "LX1000 4660".

The main dashboard displays several key metrics:

- 98.00 MHz
- 0.00 Watts FWD
- 0.00 Watts REV
- 0 kHz Dev.
- 0 in the last 24 hours (for A, B, C)
- 0 in the last 24 hours (for 1, 2, 3, 4)

Navigation links include: Status / Config, Audio Meters, Log Files, Reboot, Update Firmware, Factory Reset, and Disconnect.

The "RF Settings" section includes:

- Frequency Set: 98.000 MHz
- Power Set: 110 W
- RF Mute on Silence: Off (Mute RF button)
- FSK: Off (FSK ID field)
- Power Schedule: Disabled (Enabled button), 5.00 W
- Start Time: 00:00:00
- Finish Time: 00:00:00
- External 10MHz Ref: Disabled (Enabled button)
- Internal 10MHz trim: 0 ppm
- 1PPS Sync: Disabled (Enabled button)
- Audio Delay: 0 ms
- Pilot Phase: 0 deg

The "Audio" section includes:

- MPX Source: Internal (MPX Input 1, MPX Input 2, Tuner)
- Audio Input: Analog (Digital)
- Pre-Emphasis: Off (50us, 75us)
- Input Channels: Stereo (Swap L/R, Mono L+R, Mono L, Mono R)
- Processing Preset: Bypass

The "Alarms" section includes:

- Type: Alarm
- Source: Off
- On Delay: 0

The "Triggers" section includes:

- Enabled: Disabled (Enabled button)
- Action: RF Mute
- Email: Yes (No)



FLEXIVA (FAX) HIGH POWER

Air Cooled
FM and Digital Transmitters
5kW-80kW

FLEXIVA (FAX) – PRODUCT OFFERING

FAX 5K, 7.5K & 10k
(16RU)
or in rack



FAX 15k & 20k
(44RU)



FAX 30k & 40k
(44RU)



FAX 60k & 80k
(44RU)



FAX High Power (5kW – 80kW)

FLEXIVA (FAX) – HIGH POWER 5/10KW

Efficiency

- 72% - 75% AC to RF Efficiency in FM
- > 60% AC to RF Efficiency in Digital at -14dBc

Size

- Smallest footprint
- Smallest volume

Redundancy

- Hot Pluggable Power Amplifier
- Hot Pluggable Power Supplies
- Redundant IPA Standard on all power levels 10k and higher
- IPA and PA Modules are identical
- Backup Hardware Controller Standard
- One to One PS to PA Ratio
- Redundant Variable Speed Fans



FLEXIVA 7.5KW – RECENT ADDITION

- FAX7.5kW Analog or Digital
 - FAX7.5KFAX150 – Analog version
 - FAX7.5KFAX150HD – Digital version
- Efficiency
 - Highest Efficiency
 - 72% AC to RF Efficiency in FM
 - > 60% AC to RF Efficiency in FM+HD at -14dBc
 - 54% AC to RF Efficiency in FM+HD at -10dBc
- Redundancy
 - Hot Pluggable Power Amplifier
 - Hot Pluggable Power Supplies
 - Backup Hardware Controller Standard
 - One to One PS to PA Ratio
 - Redundant Variable Speed Fans



FLEXIVA™ CONTROL INTERFACE

IP Connectivity
Intuitive Web GUI
& SNMP



Easily viewed GUI using any standard WEB browser
- PC, Smartphone or Tablet



Convenience
Ease of Maintenance
24 x 7 access



FLEXIVA (FLX)

Liquid Cooled
FM and Digital Transmitters
10kW-80kW

FLEXIVA (FLX) – LIQUID COOLED

FLX 10k
(16RU)



FLX 20k
(44RU)



FLX 30k & 40k
(44RU)



FLX 60k & 80k
(44RU)



FAX High Power (10kW – 80kW)

FLEXIVA (FLX) – HIGH POWER 10KW – 40KW

• Redundancy

- Hot Pluggable Power Amplifiers
- Redundant IPA Standard
 - Two sides for redundancy
 - Same as PA
- Hot Pluggable Power Supplies
 - One to one PS to PA Ratio
- Backup Controller
 - Maintains Full Power
 - Maintains Drive Redundancy

Integrated Exciter Switching

Integrated IPA Switching



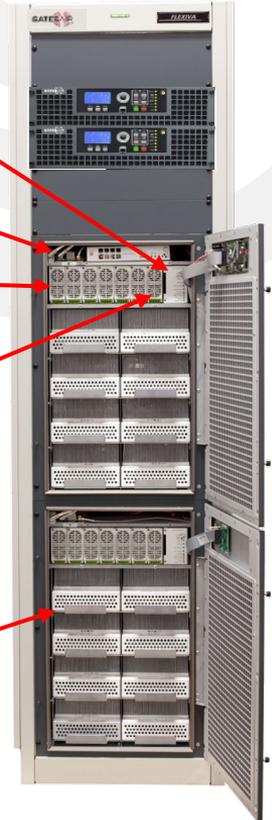
Power Supply



H/W Backup Controller

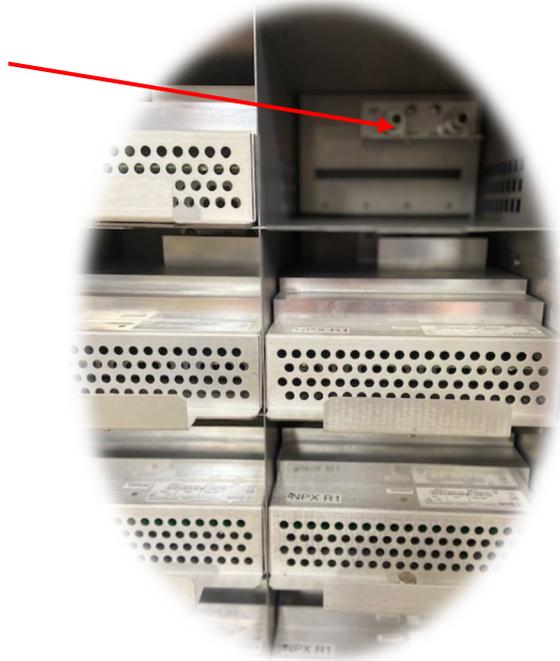


Power Amplifier



FLEXIVA (FLX) – HIGH POWER 10KW – 40KW

Self – Sealing
Fluid Connectors



HIGH EFFICIENCY PUMP MODULE

- GatesAir design and manufacture
- 3rd generation – Optimized for High Efficiency
- Small physical size
- Dual Pumps, with auto/manual changeover
 - Low-noise, high efficiency pumps
 - Replace a pump during on-air operation!
- Low maintenance, closed-loop pressurized system
- Quiet – Designed for indoor installation
- Pump speed adjustable to optimize flow rate and efficiency



HIGH EFFICIENCY HEAT EXCHANGER

- GatesAir manufacture
- Dual fans - on-air replacement
- Low noise, high-efficiency fan blades
- Speed controlled for maximum efficiency



Vertical Air Flow

- Vertical or horizontal airflow (mounting can be adapted on site for either configuration)
- Two sizes available 20kW & 50kW heat dissipation



Horizontal Air Flow



MAXIVA VAXT DAB ULTRA COMPACT SERIES

80 watts to 750 watts

DAB ULTRA-COMPACT VHF MODELS / POWER LEVELS

1RU Models

80 W

150 W



2RU Models

300 W

450 W



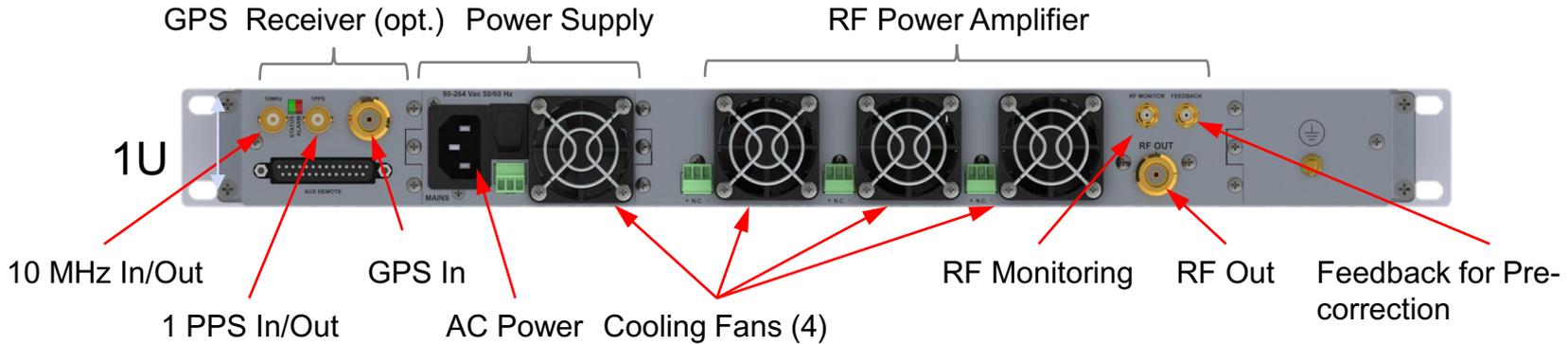
3RU Models

550 W

750 W



FRONT AND REAR OF 1RU ULTRA-COMPACT





KEY FEATURES

- High-efficiency Doherty PA's
 - VHF BIII is a single broadband design 170-240MHz
- ETI and EDI inputs
 - Additional input board options
 - 2 – EDI plus 2-ETI
 - 4 – ETI inputs
- Adaptive pre-correction circuits with $MER \geq 33dB$
- Modular design, PA and Power Supply plug-in and can be replaced in a few minutes.

Maxiva Air-Cooled VAX-OP VHF Series

300W to 1.2kW



2+1 RU / 3+1 RU

1.5kW – 1.9kW



3.5+1 RU

Same PA used in racked systems

3kW – 13.6kW



2, 3, 4, 6
and 8 PA
Systems
in 36RU
Rack

- Same 1RU exciter/driver and same input option cards as Ultra-Compact
- Available with single-drive or dual-drive (option)
- Multiple PA systems include a 36RU rack (single PA systems - rack optional)
- GPS/GLONASS option

KEY FEATURES

- High Efficiency (Broadband PA's)
- Low consumption Pump and Heat Exchanger (pump + heat exchanger + external fans = 535W)
- Dual Redundant Pumps standard
- Coolant reserve tank (8 liters) for automatic liquid refilling, reduces on-site maintenance
- Liquid Cooled Control Unit: level (liquid + refilling), pressure, temperature, pump status, etc.
- Very small external heat exchanger with 24V power, 2 fans or 4 fans
- Heat Exchanger automatic reverse fan rotation feature to remove debris (user settable timing)



Maxiva Liquid-Cooled VLX-OP VHF Series

Single Rack Systems

15.2 kW 8 PA's

11.4 kWz 6 PA's

9.5 kW 5 PA's

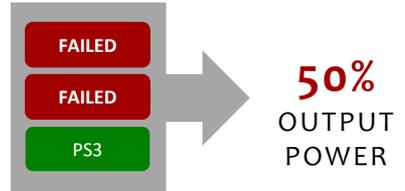
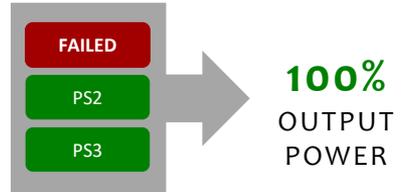
7.6 kW 4 PA's

5.7 kW 3 PA's

3.8 kW 2 PA's



VLX-OP (6 PA's)



MULTICARRIER DAB+ 240W TOTAL POWER



ETI In #1

ETI In #2

ETI In #3

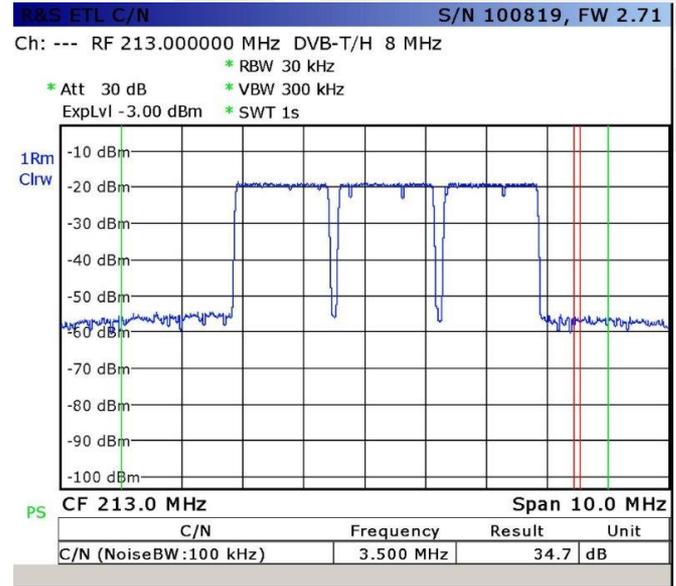
Touch screen LCD

Control Ethernet Port

USB Port

MultiCarrier DAB Transmitter:

- Allows up to 3 DAB+ Carriers to be generated or re-transmitted through a single amplifier
- Advanced pre-correction and linear broadband amplification
- Unique solution **ONLY** available from GatesAir
- More economic than standard solutions
- More compact
- Less expensive to operate, lower power consumption



Date: 10.JUN.2017 13:43:18

- Compact 1U rack 19 "chassis.
- Output power up to 240W rms total
- Common RF amplification.
- Wide Band VHF BIII Doherty Amplifier technology with high efficiency.
- Supported Modulations: DAB / DAB + / T-DMB.
- Multi-carrier modulation (3 channels), for adjacent and non-adjacent frequencies.
- Adaptive pre-correction circuits.
- Built-in high-stability GPS / GLONASS receiver (Optional).
- Hot swappable amplifier and power supply.
- Input interface: 3 ETI inputs.
- SNMP, Web interface and Touch Screen display.
- USB service interface for up-grade / download.



FLEXIVA FMXI 4G

HD Embedded Exporter Importer

HD Radio Exporter / Importer Review

Exporter

- Encodes Main audio program channel – MPS.
- Creates UDP/IP stream for the Exgine card, E2X.
- Hardware Linux OS, and Embedded Linux Processor

Importer

- Encodes supplemental audio channels, HD2, HD3, HD4.
- Aggregates Program Associated Data, Artist/Title/Album Art
- Traditionally Windows OS, Win XP, Win 7
- Only Gen 4, Supports Embedded Processor



GATESAIR FMXI 4G – HD RADIO EXPORTER/IMPORTER

- Gen 4 Supports Combining Exporter and Importer into a single hardware platform



Combination Exporter and Importer



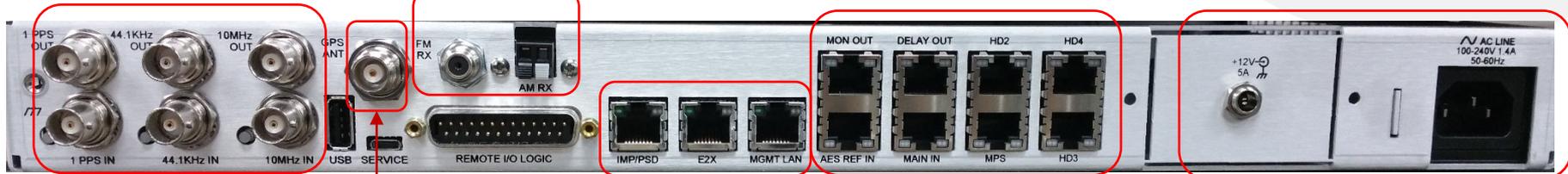
Exporter Only



Importer Only

FMXI 4G REAR PANEL

Integrated FM Tuner
DTAC™ – Dynamic Time and Audio Correction



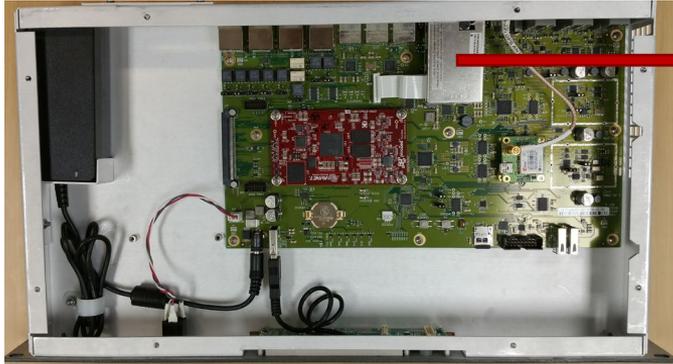
Timing
I/O

GPS
TNC

3x LAN/WAN

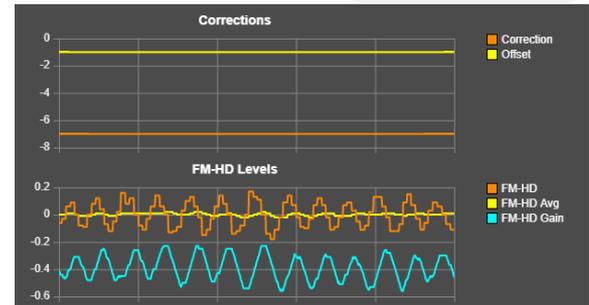
Audio Inputs/Outputs
StudioHub®

Primary and
Backup Power



DTAC™ – Dynamic Time and Audio Correction

- Automatically resolves Analog / HD Diversity Delay.
- Resolves audio level and phase correction.



#2 - Confidence monitoring for HD primary and secondary Audio signals, and PSD (data)

GATESAIR FMXi 4G – HD RADIO EXPORTER/IMPORTER

Using the FMXi-4g to Enhance your listeners experience
with properly aligned audio



Combination Importer and Exporter



Importer Only



Exporter Only

The screenshot displays the FMXI 4G GUI interface. At the top, it features the GATESAIR logo and the title 'FMXI 4G GUI'. The main interface is divided into several sections:

- Navigation:** Includes 'Login', 'Event Log', and 'Menu' buttons. The 'Event Log' shows the time '10:42:49' and date '07/30/2019'.
- PLM Test:** Contains five level meters for 'Main/Analog', 'MPS/HD1', 'HD2', 'HD3', and 'Delay L'.
- Flexiva™:** A section highlighted with a red circle, containing parameters for 'Diversity Delay' and 'HD Receiver'.

Diversity Delay		HD Receiver	
Current:	8.0128 (S)	Frequency:	88.10
Desired:	8.0128 (S)	Channel:	MPS/HD1
Completion:	100.0 %	Level:	63 (dBuV)
DTAC Mode:	Run	Carrier:	71 (CM...)
Offset:	0		
- Xperi Control/Sync/Run:** Shows system status including 'Connect Status: Connected', 'Sync Status: Synchronized', 'Run Status: Started', and 'Run State: Started'.
- Home:** A central block diagram for 'FMXi-4G' showing components like 'HD Receiver', 'DTAC', 'Power Supplies', 'Audio Status', 'Importer Exporter Setup', 'Clock Reference', 'Monitor Output', 'Headphone Control', 'Remote IO', and 'Exciter Engine'.

FMXI 4G HD RECEIVER SETTINGS

GATESAIR **PLM Test** **FMXI** **Flexiva™**

Login Event Log
Home 10:44:05
07/30/2019
01.03.0010

Main/Analog MPS/HD1 HD2 HD3 Delay Out

Diversity Delay
Current: 8.0128 (S)
Desired: 8.0128 (S)
Completion: 100.0 %
DTAC Mode: Run
Offset: 0

HD Receiver
Frequency: 88.10
Channel: MPS/HD1
Level: 63 (dBuV)
Carrier: 71 (CNR)

HD Receiver Back

Xperi Control/Sync/Run
Connect Status: Connected
Sync Status: Synchronized
Run Status: Started
Run State: Started
Communication: Ok
Restore: ---
Backup: ---

Audio Status
External Clock Inputs
Cooling

Frequency(MHz): 88.10
Source: MPS/HD1
Split Mode: On
Stereo: Stereo
RSSI(dBuV): 63
Current Program: MPS/HD1
Digital Status: HD/SIS/Digital Audio
QI: 15
Cd/No: 71
Blend Status: Enabled
Prgms Available: MPS/HD1/HD2/HD4
Version: E0003.018

FM Signal Alarm
On Threshold(dBuV): 15
On Time(S): 15
Off Threshold(dBuV): 50
Off Time(S): 250
Alarm Enabled: No

FM Alarm Status
On Timer(S): 15
Off Timer(S): 250
Alarm: ●

HD Signal Alarm
On Time(S): 60
Off Time(S): 5
Alarm Enabled: Yes

HD Alarm Status
On Timer(S): 60
Off Timer(S): 5
Alarm: ●

Receiver Setup

Receiver Split Mode
for correlation
measurements

Received Signal
Status

Online help and
Histogram

Customizable Signal
Loss Alarms



Realtime monitoring FM Signal and HD Carrier to Noise ratio

FMXI 4G DTAC™ SETTINGS

Current Diversity Delay Status

Automatic or Manual Modes

Supports Delay in Analog or Digital Path

GATESAIR **PLM Test** **FMXi** **Flexiva™**

Login Event Log
Home 15:23:16
11/09/2018
01.01.0051

Control/Sync/Run
Connect Status: Connected
Run Status: Synchronized
Sync Status: Started
Run State: Started

Audio Status
External Clock Inputs
Cooling

DTAC [Back]

Diversity Delay

DTAC Mode: Automatic
Delay Mode: Analog
Max HoldOff Time: 45
HoldOff Time: 0
Default Delay: 333722
Delay Adj: 10 [Apply]
Default Rate: 50
Delay Time(h:m:s): 00:06:18
Delay: 353080
Rate: 50
[DTAC Status]

Ramp
Up Down Rate: 882 Snap: No

BallPark
Enable [checked] Rate: 882 Snap: No

Snap Delay
Yes On Bootup: Yes

Belar
TCP Port: 49500 TCP Packets: 0 [Reset]
UDP Port: 53491 UDP Packets: 0 [Reset]

Diversity Delay

Current	Desired	Completion	DTAC Mode
8.006 (S)	8.006 (S)	100.0 %	Run

HD Receiver

Frequency	Channel	Level	Carrier
88.10	MPS/HD1	74 (dBuV)	74 (CNR)

FMXI 4G DTAC™ REALTIME LOGGING



Realtime monitoring and logging of DTAC corrections and levels

GATESAIR

Login

Event Log

Menu

10:42:49
07/30/2019
01.03.0010

Xperi Control/Sync/Run

Connect Status: Connected
 Sync Status: Synchronized
 Run Status: Started
 Run State: Started
 Communication: Ok
 Restore: ---
 Backup: ---

Audio Status

External Clock Inputs

Cooling

PLM Test

FMXi

Diversity Delay	HD Receiver
Current: 8.0128 (S)	Frequency: 88.10
Desired: 8.0128 (S)	Channel: MPS/HD1
Completion: 100.0 %	Level: 63 (dBuV)
DTAC Mode: Run	Carrier: 71 (CNR)
Offset: 0	

Home

FMXi-4G

The screenshot displays the GATESAIR FMXI 4G control interface. At the top, it shows the user 'plm, Engineer' and the system 'PLM Test'. The interface is divided into several sections: 'FMXi' with signal level meters for Main/Analog, MPS/HD1, HD2, HD3, and Delay Out; 'Flexiva™' with radio parameters like Diversity Delay, Current, Desired, Completion, DTAC Mode, Offset, HD Receiver, Frequency, Channel, Level, and Carrier. The main section is 'HD 2 Audio Status', which includes a 'Signal Level' and 'Buffer Level' graph, an 'Audio Client' section with 'Prev' and 'Next' buttons, and three 'PSD' sections: 'Input', 'Default', and 'On Air'. Each PSD section contains fields for Song Title, Artist, and Album, along with a 'PSD Send' button. Below these are 'PSD Alarm' and 'Audio Alarm' status sections, each with a 'Stale Timer(S)', 'Alarm Enabled' dropdown, and 'Alarm' indicator. The 'Audio Alarm Status' section also includes 'On Timer(S)', 'Off Timer(S)', and 'Audio Client Address' (127.0.0.1).

Incoming PSD From Automation

On-Air PSD Data Captured From Tuner

Support for local and remote capture clients

plm, Engineer

PLM Test **FMXi** **Flexiva™**

Logout Event Log
Home 13:21:27
07/26/2019
01.03.0010

Main/Analog MPS/HD1 HD2 HD3 Delay Out

Diversity Delay
Current: 8.0129 (S)
Desired: 8.0129 (S)
Completion: 100.0 %
DTAC Mode: Run
Offset: 0

HD Receiver
Frequency: 88.10
Channel: MPS/HD1
Level: 65 (dBuV)
Carrier: 73 (CNR)

Xperi Control/Sync/Run
Connect Status: Connected
Sync Status: Synchronized
Run Status: Started
Run State: Started
Communication: Ok
Restore: ---
Backup: ---

Audio Status
External Clock Inputs
Cooling

Software Management Back

Software Upload Restart Configuration Backup

Current Version: IMP-EXP_01.03.0010

Model	Version	Software P/N	Size	Notes	Activate	Delete
IMP-EXP	01.03.0010	861-1170-013 C	260,768k	View		
IMP-EXP	01.02.0069	861-1170-013 B	254,304k	View	Activate	Delete
IMP-EXP	01.01.0097	861-1170-013 A	238,564k	View	Activate	Delete

Easily return to previous software versions.

FMXI 4G – HD EXPORTER / IMPORTER SUMMARY

- Embedded Exporter / Importer
 - Non-Windows based operating system
 - Fast boot up time
 - Do not need to maintain or keep drivers up to date
 - No operating system to maintain
 - Combined or Separate Unit
 - Export/Importer Combo, Exporter Only, Importer Only
 - 1RU chassis
 - Integrated FM/HD Radio Tuner
 - DTAC™ - Dynamic Time and Audio Correction
 - Confidence Monitoring



FMXI 4G – HD RADIO EXPORTER / IMPORTER

- Enhances Listeners Experience
 - Automatic Time Level and Phase Alignment
 - Eliminates blending artifacts
 - Supports Artist Experience
 - Integrated MSAC and FTP capabilities
- Enhanced Engineering Experience
 - Simplifies HD installation setup and monitoring
 - Web browser for local and remote access, SNMP, Email notification.
 - Confidence monitoring of primary and secondary audio channels
 - Confidence monitoring of Program Associated Data
 - Support for HD booster and SFN applications





**THANK YOU
STAY SAFE**

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