

iPUMP 6420

AUDIO MEDIA SERVER



iPUMP 6420 FEATURES

Blends Stored Content with Live Programs

Flexible Record & Playback Automation

Custom Liner/Voice Tracks

Time Zone Playback

Satellite & Internet File Delivery

32 Contact Closures for Local Traffic Systems

Optional Digital Automated Affidavits

Optional RBDS Serial Ports

2 Professional AES/EBU Outputs

BROADCASTING

WEGENER's iPump 6420 Audio Media Server is specifically designed for regionalization of radio broadcasts - providing next generation architecture to integrate file-based program distribution with live programming and seamlessly blending audio outputs through the use of audio fades, mixes and pre-positioned station liners. WEGENER's solution offers the efficiencies of large network operations with the customized listening experiences offered at the local level.

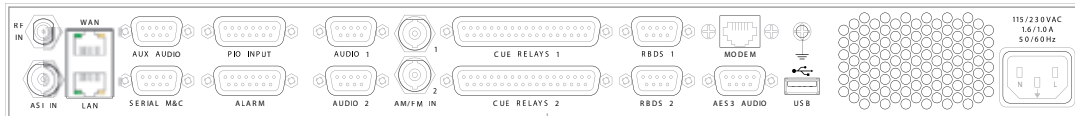
COMPLETE CONTROL

WEGENER iPump Audio Media Server is an integrated digital satellite receiver, and multi-media server. It provides digital and analog audio outputs. Customized playlists, network control commands and audio programs transmitted to targeted iPump Media Servers can be stored to internal hard-drives or output for live broadcast. The health of deployed receivers is monitored with return path connections via IP or modem links.

OFF AIR REPORTING

An optional on board AM/FM tuners provides an integrated technology to digitize the bookkeeping of advertisement plays.

iPUMP 6420 - AUDIO MEDIA SERVER



TECHNICAL SPECIFICATIONS

RF Characteristics

Input Frequency Range	950 to 2150 MHz
Carrier Lock Range	±1.0 MHz
Input Level Range	-25 to -65 dBm
Input Impedance	75 ohms
Input Connector	Type-F
LNB Power (Universal)	13/18 VDC@350 mA max.22KHz,Control Tone
Tuning Resolution	1KHz
Modulation DVB	QPSK (DVB-S2 option)
Symbol Rate Range	2 to 45 Msps
Transport Rate Range	1.5 to 72.57 Mbps
FEC Coding	1/2,2/3,3/4,5/6,7/8

Record, Play Stream and Mixing

Play (Live or File)	3 streams
Record	3 streams
Format Support	mono/stereo 16bit PCM MPEG-1 Layer 2, mp2, (mp3 option)
Adapter Sample Rates	32, 44.1 and 48kHz
Digital Mixing	Crossfades and mixes

Inputs

L-band	DVB-S (S2 option)
# Contact Closures	7 PIO
# AM/FM Antennae	2 (option)
Data (Monitor & Control)	RS-232
Ethernet	LAN and WAN

Outputs

Audio Digital	(2) AES/EBU
Audio Analog	(3) Balanced stereo
IP Data	(2) 10/100 BaseT Ethernet
Alarm/Warning	Relay closure via DB15
Relay	(32) (relay closure via DB37)
Data - RBDS	(2) RS-232 (option)
Modem	Option

Control

- MediaPlan COMPEL w/ parameter addressing (through satellite or internet, live and delayed)
- Web browser at LAN port
- M & C serial control
- GPIO inputs

Conditional Access Options

- Compel CA

Mechanical

Power	Universal switching auto detection 115 VAC +/-10%,1.6 A max,60 Hz 230 VAC +/-10%,1.0 A max,50 Hz
Size	1 RU
Harddrive	80/250 GB
Operating Temperature	10° to 40° C

Agency Approvals

FCC Part 15B Class A, UL1950, CSA, CE, RoHS, WEE.

www.wegener.com/PRODUCTS/index.php

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