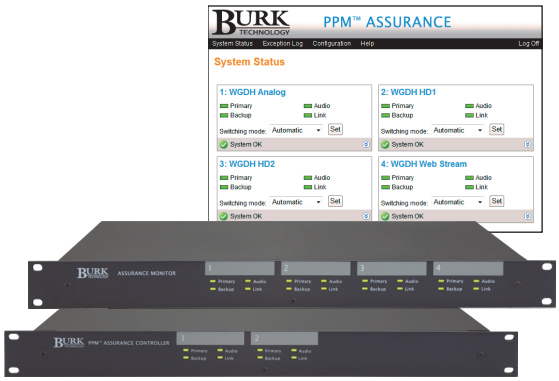
PPM™ Assurance

Automatic PPM Recovery



- Automates PPM recovery with clear and prompt indication of failure source
- Monitors Arbitron encoders, Arbitron monitors, and off-air audio
- Built-in web server makes setup and monitoring simple and convenient
- Email notifications assure clear, consistent communication

Ensure 24x7 Encoding

PPM Assurance not only alerts station personnel to PPM encoding problems, it automatically switches to backup equipment for maximum ratings protection.

Pinpoint Root Cause

PPM Assurance differentiates between multiple causes of encoding problems, allowing fast and efficient resolution.

Automatic Tests

Use PPM Assurance's automatic test function to make sure your backup equipment is working and ready to go.

Create a Paper Trail

With its onboard event log, PPM Assurance creates a record of any encoding problems, providing a valuable paper trail.

Don't Settle for Partial Credit

It takes hard work to maintain a large and loyal listener base. And it's important that this audience is measured accurately so that your station receives full ratings credit.

In an Arbitron® PPM™ market, this means making sure all encoders are working properly and that you can switch immediately to backup gear at the first sign of failure.

How it Works

More than an encoding monitoring system, PPM Assurance is a complete automatic recovery solution. In addition to providing reliable backup encoder activation, the PPM Assurance monitor establishes direct data connectivity to the Arbitron equipment to verify code accuracy.

Email Notification and Onboard Logging

PPM Assurance achieves full recovery and notification, not just failure reporting. Email notifications from PPM Assurance clearly communicate how PPM responded to encoding loss. A web-based exception log documents all encoding incidents. Rear panel alarm relays enable optional integration with remote control.

Built-In Silence Detection

Broadcasting silence means lost ratings opportunity. Built-in silence detection on the PPM Monitor not only allows quick recovery of lost program audio, but also helps troubleshoot encoding failure.

Burk Technology's PPM Assurance protects ratings and dramatically reduces overhead by constantly monitoring all PPM encoders and providing automatic encoder switching. Email alerts and exception reporting keep stakeholders up to date.

Easily Adapts to Any Installation

The scalable capacity and flexible expansion path of PPM Assurance allows it to monitor dozens of encoders with ease. Encoding at the transmitter sites and monitoring at the studio is no problem—the modularity of PPM Assurance allows flexible deployment over IP.

Multiple Switching Mechanisms

Because no two PPM installations are the same, PPM Assurance provides two essential switching mechanisms. If encoders are installed in-line, PPM Assurance will automatically power on primary and backup encoders as needed.

For encoders running in “hot standby” operation—with audio fed separately to both encoders—PPM Assurance activates built-in relays to select primary/backup source audio.

Automatic Program Recovery

PPM encoding depends on 100% audio uptime. That’s why PPM Assurance provides optional backup program activation. In “Backup Program” mode, loss of audio results in immediate switching to an alternate program source.

Monitor-Only Operation

While the monitor/controller combination is the best protection for key revenue stations, some broadcasters may choose to manually switch encoders on certain stations. In this case, the PPM Assurance Monitor works independently to provide immediate email notification and logging of encoding error.

A station set up for monitoring only can easily be converted to full, automatic control simply by adding a PPM Assurance Controller.

About Burk Technology

Burk Technology leads the industry in transmitter remote control and monitoring, offering innovative approaches to total station control and operation.

Founded in 1985, Burk Technology’s sole objective is to build facility management and remote control systems that appeal to stations of all sizes around the world.

Today the company's solutions are considered to be "best-in-class" and continue to evolve, anticipating economic, regulatory and technological changes.

Specifications

PPM Assurance Monitor

Power Input:
100–240VAC; 47–63Hz; 1A

Dimensions:
1.75” (4.45cm) H
19” (48.26cm) W
10” (25.4cm) D

Alarm Relay:
120VAC @ 3A, 30VDC @ 1A

Audio Input:
+18dBu

PPM Assurance Controller

Power Input:
120VAC; 60Hz; 5A

Dimensions:
1.75” (4.45cm) H
19” (48.26cm) W
10” (25.4cm) D

Alarm Relay:
120VAC @ 3A, 30VDC @ 1A

Outlet Power:
120VAC, 2A

Audio Switching Relays:
30VDC @ 1A

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