

ATP SERIES

Flexible Advanced Touch Panel Family



The ATP series of touch panels use the latest in high-resolution “stretched bar” TFT modules with bonded capacitive touch control (and, in some configurations, comfortable easy-to-use physical button overlays) to provide leading-edge ergonomics and agile operational responsiveness.

These panels meet a multitude of needs for network system control tasks including device selection, router control, and real-time parameter adjustments. Dynamically configurable graphical screens, both with or without button overlays, allow key and status indicator layouts, for example, to be optimized for each specific device control set. This allows a far superior level of flexibility compared to traditional “fixed position” LCD button panels. All panels in this series are designed for easy deployment with both the GV Orbit® dynamic system orchestration software and the Agile Media Processing Platform (AMPP®). Not only are they flexible, but they’re the perfect long-term solution.

All ATP panels can be deployed as part of a separate control solution or may be combined with panels from the existing range of Grass Valley LCD hardware control panels. If you have GV Orbit or AMPP, just add these panels to whatever control surfaces you currently use. It’s that easy.

These panels are ideal for multiple device control applications. For example. Consider the XIP-3901-UDC-IP card from the Densité® modular line. The card features dual-channel conversion between HD/3G and 12G single-stream IP signals using 25 GbE connectivity. It is regularly implemented in significant numbers for multichannel UHD operations. Several of the ATP series panel configurations can offer an elegant solution for selection, status reporting, and control of the independently processed channels. That is but one example, among hundreds.

Members of the ATP family are also perfect for conventional router control applications. For example, the ATP-2151 has 51 arbitrarily colored buttons that can be used for selecting, sources, destinations, levels, and salvos. The ATP-2124-K, similarly, could do the same with 24 buttons while also providing a touch screen and dial for other needs.

Why should you choose ATP series control panels?

- Ergonomic design with excellent tactile feel and responsiveness
- Optimized user screen layouts for each function and alternative device control sets
- Shallow depth 2 RU housing with external AC/DC adapter for easy mounting in consoles and desks or engineering racks and bays
- High peak luminance and wide viewing angle
- Adjustable screen contrast, brightness, and backlight for optimal viewing in different ambient lighting conditions

Applications

ATP series control panels are suitable for myriad media and broadcast applications, from studio and venue control rooms, through OBs, to incorporation in compact fly-packs. They easily mount in consoles, desks or any standard 19” rack.

Key Features

General Features

- Operational software pre-installed
- 1 GbE Ethernet port connectivity
- Dual user USB ports and one OTG port
- Dual Micro SD card slots (boot and storage)
- 12V DC power
- Seamless integration with GV Orbit control, configuration & monitoring software

Ergonomic Features

- 2 RU 19" rack-mountable metal enclosure
- Display resolution of 1920 x 285 pixels with 24-bit color depth of 16.4M colors
- 800 cd/m² peak luminance with adjustable backlight
- Wide viewing angle
- Optically bonded Projected Capacitive Touch (PCT) Multi-touch > 5 fingers
- Shallow depth < 70 mm (2.76")

Available Panels

- **ATP-2100** — No buttons or jog dial. Flexibility to adapt the display to user needs
- **ATP-2100-K** — No buttons but includes jog dial. Maximum flexibility to adapt the display to user needs while providing physical control for parameter adjustments, page changes and more
- **ATP-2124-K** — 24 buttons with a graphical display and jog dial. Ultimate flexibility to adapt to user needs while combining physical buttons and control for parameter adjustments, page changes and more
- **ATP-2151** — 51-button control panel capable of displaying text, images and color on any button at any time. The next step in traditional router control ergonomics

Specifications

External I/O

Ethernet: 10/100/1000 Mb/s (IEEE 802.3af)

USB: 2x user ports

1x OTG (On-The-Go) micro port

Micro SD card: 1x boot, 1x storage

Power

Connector: DC jack (Screw-lock connector)

Voltage: 12V DC nominal (11.0 – 12.5)

Current: 2A max.

Physical

Width: 483 mm (17.1 in.)

Height: 88 mm (3.5 in.), 2 RU rackmount

Depth: 69 mm (2.7 in.)

Weight: 2 kg (4.4 lbs.)

Display Size

Width: 409 mm (16.3 in.)

Height: 61 mm (2.4 in.)

Environmental

Operating temperature: +50°C (122°F) max.

Ventilation: Rear panel (fanless cooling)

Compliance

Hazardous material: RoHS-6 (UK) – Complies with EU Directive

Ordering

ATP-2100

2 RU touchscreen panel with one power supply. Compatible with GV Orbit and AMPP only.



ATP-2100-K

2 RU touchscreen panel including a jog dial. Includes one power supply. Compatible with GV Orbit and AMPP only.



ATP-2124-K

2 RU panel with 24 physical buttons capable of displaying colors, text and images on the left, ½ rack touchscreen on the right, and a jog dial. Includes one power supply. Compatible with GV Orbit and AMPP only.



ATP-2151

2 RU panel with 51 physical buttons capable of displaying colors, text and images. Includes one power supply. Compatible with GV Orbit and AMPP only.



This product may be protected by one or more patents. For further information, please visit: www.grassvalley.com/patents

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