

ATP-2000 Advanced Touch Panel



The ATP-2000 touch panel exploits the latest technology in high-resolution “stretched bar” TFT modules with bonded capacitive touch control to provide the ultimate user experience in terms of ergonomics and operational agility. It’s suitable for a multitude of network system tasks including device selection and control. Dynamic configuration of GUI screens means key and status indicator layouts, for example, can be optimized for each alternative device control set, adding a new dimension in flexibility compared with traditional “fixed position” LCD button panels.

Designed for easy deployment with GV Orbit dynamic system orchestration software, the ATP-2000 can be deployed as standalone or mixed on a network with Grass Valley’s existing range of LCD hardware control panels.

This touch panel is ideal for multiple device control. The XIP-3901-UDC-IP card, for example, from the Densité modular range features dual-channel conversion between HD/3G and 12G single-stream IP signals using 25 GbE connectivity. This card is often deployed in significant numbers for multichannel UHD operations. The ATP-2000 provides an elegant solution for selection, status reporting and control of the independently processed channels (see panel screen shot below).

Applications

The ATP-2000 is suitable for all types of media and broadcast application areas from studio and venue control rooms through OBs to incorporation in compact fly-packs. It’s easily mounted in consoles and desks or any standard 19” rack frame.

Why should you choose this control panel?

- 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



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Example Control Screen Sets

Featured: XIP-3901 Application Platform with XIP-3901-UDC-IP application software including -HDR option.

The ATP-2000 includes its own web browser interface for basic settings and IP addressing (see left).

The panel seamlessly integrates with GV Orbit's design environment enabling screen design, panel upgrade and pushing new configurations (see below).

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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")



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.)

Active Screen Area

Width: 409 mm (16.1 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

Advanced Touch Panel

ATP-2000

2 RU Advanced Touch Panel

Note: One universal AC mains adapter supplied.

Hardware Options

ATP-PS01

Spare power supply