

6-CHANNEL OPERATOR CONTROL PANEL

RCS

MADE IN GERMANY



Description UPM-421

This brand-new 6-channel operator control panel, which was especially developed for professional usage, provides induction opportunities for up to 4 microphones, one stereo-sound carrier as well as one iPod®-input.

A very high-quality sound pattern results in the separation of the signal path. Due to the exceptional feature, it is possible to regulate the Mic- and Line inputs separately regarding the highs and the lows.

Each channel has one individual signal-LED, which helps to monitor the incoming signal.

Optional accessories

The front panel of the UPM-421 is equipped with one empty housing for up to 4 optional switches **DSB-400**. For example in a multi-gymnasium, these switches enable individual gym parts to be operated combined or individually. The switches are illuminated and the supply results from the internal connection-board.

Switch, illuminated in green **DSB-400**

The UPM-421 can optionally be purchased with an ungrounded 1:1 NF output transformer **TSA-101**. The assembly of the transmitter is done by the manufacturer.

NF-Output Transformer, build into UPM-421 **TSA-101**

In connection with the Plexiglas-cover **PGA-400**, this operating control panel can be applied e.g. in schools or sports halls, as it has a impact resistance structure.

Plexiglas Cover, ball-throwing proof **PGA-400**

The UPM-421 can optionally be used as flush-mount **APG-400** as well as surface-mount housing **UPG-400**.

Flush-Mount Housing **UPG-400**

Surface-Mount Housing **APG-400**

Please consider the following features:

- 6 channels for 4 microphones, AUX and iPod®.
- Separated signal-ways for Mic and Line with own high and low regulation.
- Each input has an assigned LR-control with a signal-LED.
- Calibrated, ten-digit buzzing-VU-meter.
- Phantom-supply 18 V or all Mic-inputs.
- Output-gauge can be switched from 0dB to +6dB.
- Empty housing for up to 4 illuminated, optional switches.
- Impact resistance structure in connection with the Plexiglas-cover PGA-400.

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Technical Data	UPM-421
Power supply	24V DC
Power consumption	90 mA
Output level (bal.)	0dB or +6dB
Output impedance (bal.)	600 ohms
Sensitivity Mic	-63dB
Sensitivity LINE	-20dB
Sensitivity IPOD	-24dB
Equalizer (H/D)	±12dB
Frequency range	40 – 20.000 Hz
Dimensions WxHxD, weight	182 x 182 x 55 mm; 195 g

Model designation

6-Channel Control Panel **UPM-421**

- ❶ Operation display
- ❷ LED modulation display of the buzzing signal
- ❸ High and Low regulator for microphone signals 1 – 4
- ❹ Input-level-control for microphone input 1 – 4 with signal-LED
- ❺ XLR microphone inputs 1 – 4
- ❻ Cinch Line-input
- ❼ Input-level-control for LINE
- ❽ iPod® (AUX) input on catch
- ❾ Input-level-control for iPod®/AUX
- ❿ High and low control for LINE and iPod®/AUX signal
- ⓫ 4 functional switches (optional)

Front view of the control panel

