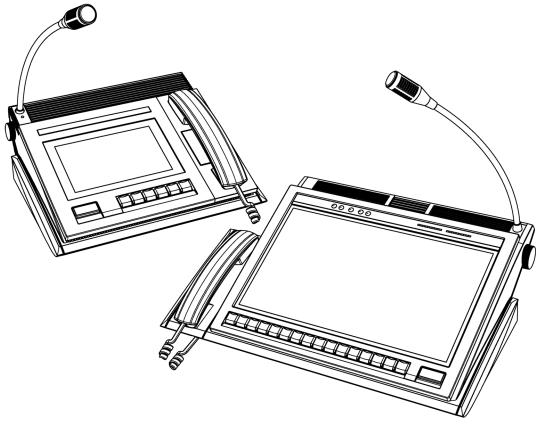
IP-3100 Series Hardware Console



- User-friendly - combines console and software into a single easy-to-configure device, with flexible layout options and an enhanced **GUI** (Graphical User Interface).
- Simplifies management - makes onsite and remote system administration, configuration, and software updates quick and easy.
- Bridges systems - Interconnects with a variety of systems using **APIs** (Application Programming Interface).
- Works in parallel with existing Telex IP-based consoles.

The IP-3100 series multi-line consoles combine state-of-the-art hardware and software for the ultimate all-in-one **UX** (User Experience). These consoles feature ergonomic comfort, fully customizable interfaces, backward-compatibility with existing Telex equipment (including the renowned IP-224 IP radio gateway), and easy to update software - all adding up to provide an optimal user experience while maximizing ROI (Return on Investment).
A superior hands-on user experience is ensured via a best-in-class feature lineup. Customers familiar with TSM (Telex System Manager) and C-Soft find configuring and using the console simple and efficient. With included features like a high-resolution TFT LCD touch screen display, high-quality speakers, USB ports, programmable keys and an output for an external monitor the console is quite capable. Optional features include an easy to install adjustable tilt stand, programmable keypad, and replaceable keys in a variety of colors.

This is a professional product that should be installed, used and maintained by trained professionals only.

System overview

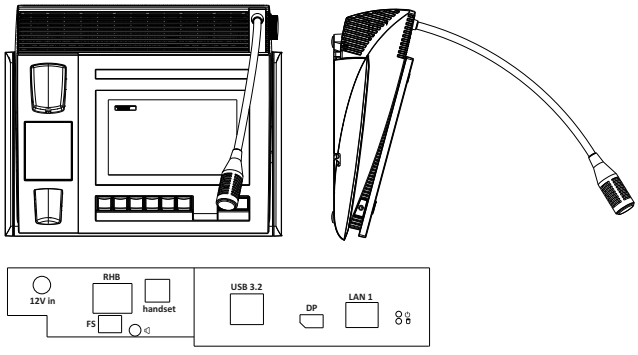


Fig. 1: IP-3102 and IP-3108

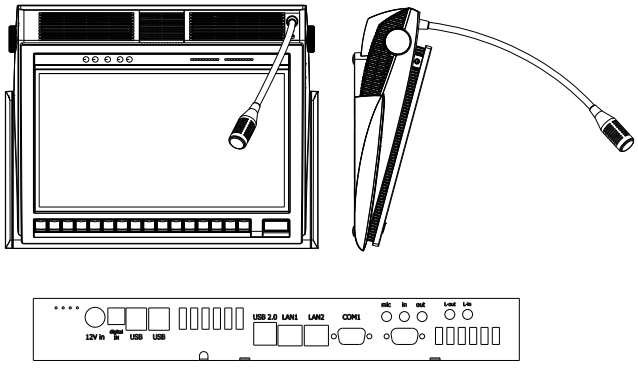


Fig. 2: IP-3118

Technical specifications

	IP-3102/IP-3108	IP-3118
Power supply	External 12V ±5% power supply Output Max: 12VDC @5A (60W) Input: 90 to 264VAC ~50/60Hz Level VI energy efficiency rating UL Certification	External 12V ±5% power supply Output Max: 12VDC @8.55A (102W) Input: 90 to 264VAC ~50/60Hz Level VI energy efficiency rating UL Certification
Active power	16.5 W (24.0 W maximum)	27.5 W (40.0 W maximum)
Display size	7.0 in	15.6 in
Display resolution	800 x 480	1920 x 1080
Touch screen	Yes - Projected Capacitive (PCAP) touchscreen	Yes - Projected Capacitive (PCAP) touchscreen
Processor	Intel N6210 - 1.2 GHz	Intel Quad-Core J6412
RAM	8 GB	8 GB
Hard drive	64 GB SSD	256 GB SSD
USB ports	2	4
Speakers	Selected and Unselected (2 x 8 W)	Selected and Unselected (2 x 8 W)
Volume control knobs	1	2
Volume control keys	No	Yes
Goose-neck microphone	Yes Maximum input: 120 dB SPL	Yes Maximum input: 120 dB SPL
Illuminated PTT key	Yes	Yes
Bar-graph VU meter displays	Yes	Yes
Control keys	0	5
Programmable keys	6 (labelled F1 to F6) Separate body and cover (allows for paper key legends)	16 (labelled F1 to F16) Separate body and cover (allows for paper key legends
Protection (sealing) grade	IP20 - Indoor use, limited amounts of falling dirt	IP20 - Indoor use, limited amounts of falling dirt
Headset connection	Yes, ability to attach an RHB-1	Yes, ability to attach an RHB-1
External speakers	Yes, 1/8” stereo connection port	Yes, 1/8” stereo connection port
Footswitch interface	Yes	Yes
Handset with PTT	Integrated	Integrated
Dimensions W x D x H (in)	13.07 x 10.94 x 4.45	20.08 x 13.46 x 4.41
Dimensions W x D x H (mm)	332 x 278 x 113	510 x 342 x 112
Unit weight (lb.)	7.50 lb.	14.33 lb.
Unit weight (kg)	3.4 kg	6.5 kg
Operating temperature (F)	41° F to 104° F	41° F to 104° F
Operating temperature (C)	5° C to 40°C	5° C to 40°C
Storage temperature (F)	14° F to 122° F	14° F to 122° F
Storage temperature (C)	-10° C to 50° C	-10° C to 50° C
Humidity range	20% to 80% (non-condensing)	20% to 80% (non-condensing)
Certifications and approvals	EN 55032:2012 EN-55024:2010 EN-61000-3-2:2014 EN-61000-3-3:2013 IEC 60721-3-3:2019 IEC 60721-3-2:2018 FCC Part 15 Canada's ICES-003 Issue 6 RoHS REACH	

Ordering information

IP-3102-B IP console 2 line
IP console 2 line, 1 SIP line, upgradeable to IP-3102-E or IP-3102-PS
Order number **IP-3102-B | F.01U.418.445**

IP-3102-E IP console 2 line, enterprise
IP Console 2 Line, 1 SIP line, 2 Per-line Call Playback lines, 2 DMR-AIS lines or 2 NEXEDGE lines, upgradeable to IP-3102-PS
Order number **IP-3102-E | F.01U.418.446**

IP-3102-PS IP console 2 line, public safety
IP Console 2 Line, 1 SIP line, 2 Per-line Call Playback lines, 2 DMR-AIS lines or 2 NEXEDGE lines, 2 P25 DFSI/CSSI interface with encryption
Order number **IP-3102-PS | F.01U.418.447**

IP-3108-B IP console 8 line
IP console 8 line, 2 SIP, upgradeable to IP-3108-E or IP-3108-PS
Order number **IP-3108-B | F.01U.418.448**

IP-3108-E IP console 8 line, enterprise
IP console 8 line, 6 lines SIP, 8 lines DMR-AIS or 8 lines NEXEDGE, 8 lines Per Line Call Playback, upgradeable to IP-3108-PS
Order number **IP-3108-E | F.01U.418.449**

IP-3108-PS IP console 8 line, public safety
IP console 8 line, 6 lines SIP, 8 lines DMR-AIS or 8 lines NEXEDGE, 8 lines Per Line Call Playback, 2 lines P25 DFSI/CSSI interface with encryption
Order number **IP-3108-PS | F.01U.418.450**

IP-3118-B IP console, 18 line
IP console 18 lines, 2 SIP line, upgradeable to IP-3118-E or IP-3118-PS
Order number **IP-3118-B | F.01U.418.451**

IP-3118-E IP console 18 line, enterprise
IP console 18 line, 12 lines SIP, 18 lines DMR-AIS or 18 lines NEXEDGE, 18 lines Per Line Call Playback, upgradeable to IP-3118-PS.
Order number **IP-3118-E | F.01U.418.452**

IP-3118-PS IP console 18 line, public safety
IP console 18 line, 12 lines SIP, 18 lines DMR-AIS or 18 lines NEXEDGE, 18 lines Per Line Call Playback, 18 lines P25 DFSI/CSSI interface with encryption
Order number **IP-3118-PS | F.01U.418.453**

Accessories

IP-INCLINE Console inclination mechanism
Console inclination mechanism
Order number **IP-INCLINE | F.01U.392.880**

IP-KBD-EXTEND Extended keyboard, 32 key
Extended keyboard, 32 key
Order number **IP-KBD-EXTEND | F.01U.392.879**

KEYSET-BLACK 10 piece black keyset
10-piece black keyset
Order number **KEYSET-BLACK | F.01U.392.889**

KEYSET-BLUE 10 piece blue keyset
10-piece blue keyset
Order number **KEYSET-BLUE | F.01U.392.886**

KEYSET-GREEN 10 piece green keyset
10-piece green keyset
Order number **KEYSET-GREEN | F.01U.392.885**

KEYSET-ORANGE 10 piece orange keyset
10-piece orange keyset
Order number **KEYSET-ORANGE | F.01U.392.888**

KEYSET-RED 10 piece red keyset
10-piece red keyset
Order number **KEYSET-RED | F.01U.392.884**

KEYSET-YELLOW 10 piece yellow keyset
10-piece yellow keyset
Order number **KEYSET-YELLOW | F.01U.392.887**

HANDSET-IP-30XX Console replacement handset
Console replacement handset
Order number **HANDSET-IP-30XX | F.01U.392.883**

PWR-IP-300X Replacement power supply, IP-300x
Replacement power supply IP-300X or IP-310X
Order number **PWR-IP-300X | F.01U.392.881**

PWR-IP-3018 Replacement power supply, IP-3018
Replacement power supply, IP-3X18
Order number **PWR-IP-3018 | F.01U.392.882**

Software Options

IP-UPGRADE-E IP console upgrade, enterprise
IP console upgrade, enterprise
Order number **IP-UPGRADE-E | F.01U.411.032**

IP-UPGRADE-PS IP console upgrade, public safety
IP console upgrade, public safety
Order number **IP-UPGRADE-PS | F.01U.411.031**

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