

### Welcome!

Everyone at Altinex greatly appreciates your UT240-610 purchase. We are confident you will find it to be reliable and easy to use. If you need support, do not hesitate to call at 714-990-2300.

We are committed to developing unique, state of the art Signal Management Solutions® for demanding audiovisual installations. Welcome to Altinex's family of satisfied customers worldwide!

### 1. Precautions and Safety Warnings

Please read this manual carefully before using your UT240-610 Power +AV distribution plate, 1U. Keep this manual handy for future reference. These safety instructions are to ensure the long life of your UT240-610 and to prevent fire and shock hazards. Please read them carefully and heed all warnings.

#### 1.1 General

- Qualified Altinex service personnel or their authorized representatives must perform all service.

#### 1.2 Installation

- Place in a dry area away from dust and moisture.
- To prevent fire or shock, do not expose unit to water or moisture. Do not place in direct sunlight, near heaters or heat-radiating appliances, or near any liquid. Exposure to direct sunlight, smoke, or steam can harm internal components.
- Handle carefully; dropping or jarring can damage the unit.
- Do not pull any cables that are attached to the UT240-610.
- Install all cables according with the instructions.

## 2. Installation Procedures

The UT240-610 is 1U high plate for use in 19" wide mounting rack, multimedia podium, wall-mount rack, etc.

Step 1. Locate position for the UT240-610, but do NOT install until cables are ready.

Step 2. Prepare cables/connectors for ports using high-quality components for best results and durability. Make cables long enough to allow for service and routing. Do NOT allow cables to just hang from the UT240.

Step 3. For XLR connectors/cables, remove keystone adapters installed in the port openings by removing M3 nuts and screws (two each) from the back of the plate.

Step 4. For USB charging ports, install the dual USB charger provided with the unit into the rear AC socket. Install USB C-A cable into first port and connect to the charger. Install USB A-A cable provided to the USB 2.0 coupler installed in the plate.

Step 5. Secure the unit to the mounting rack using the four screws and four washers provided with the unit.

Step 6. Make any necessary connections to the ports.

Step 7. Connect the unit's power cable to a power outlet.

Step 8. Use custom labels by writing name and applying it above required port if needed.

### 3. Limited Warranty/Return Policies

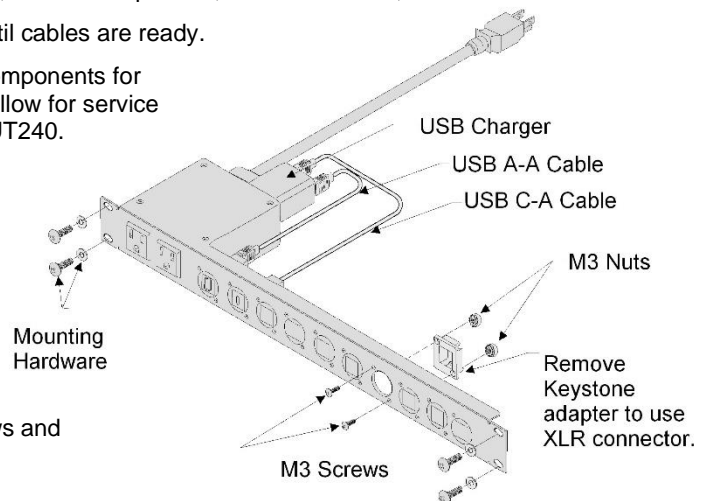
Please visit the Altinex website at [www.altinex.com](http://www.altinex.com) for details on warranty and return policies.

#### 1.3 Cleaning

- Clean surfaces with a dry cloth. Never use strong detergents or solvents such as alcohol or thinner. Do not use a wet cloth or water to clean the unit.

#### 1.4 FCC Notice

- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with instructions found herein, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
- Any changes or modifications to the unit not expressly approved by Altinex, Inc. could void the user's authority to operate the equipment.



### 4. Technical Specifications

Specifications are subject to change. See [www.altinex.com](http://www.altinex.com) for up-to-date information.

Features/Description	UT240-610
Pass-Through	(front to back)
AC Power	3x NEMA Receptacle to plug 3 ft. (0.9 m) cord
USB	2.0 USB bulkhead, F-F connector (1 pc)
Audio/Video	Eight Empty ports for custom cable/connectors
Agency Approvals	
UL/CUL Listed	File E254082
Accessories Included	
USB Wall Adapter	Dual USB out charger (5V, Total 3.4A)
USB Cable	2.0 USB A-M to A-M (1 ft) (1pc) 2.0 USB C-F to USB A-M Keystone Type (6 ft) (1pc)
Custom Label	Blank labels
Cover	Blank black snap-in cover (8pcs)
Mounting Hardware	10-32 Screws (4pcs) #10 Washer (4pcs)

Table 1. UT240-610 General

Mechanical	UT240-610
Material	Steel
Finish	Black
Dimensions (W x D x H)	19 x 5.1 x 1.75 in (483 x 130 x 44 mm)
Shipping Weight	2.1 lb. (0.95 kg)
T° Operating [T° Maximum]	10°C-35°C [50°C]
Humidity	90% non-condensing

Table 2. UT240-610 Mechanical

Electrical	UT240-610
Pass-Through AC	12 A max. (total through all 3 receptacles)

Table 3. UT240-610 Electrical

### 5. About Your UT240-610

- 1U high, full rack wide
- Black finish
- Three AC sockets (12 amps total)
- 3 ft input power cable
- Ten Keystone type ports
- All ports are XLR compatible.
- Eight blank covers for unused ports
- Two port USB charger with US plug
- One 2.0 charging USB A/A Keystone couplers
- One 2.0 charging USB C/A Keystone cable
- One USB A-M to USB A-M (1 ft) cable
- Custom labels available with additional cost
- Rack mounting hardware included.
- UL listed.

UT240-610 shown here.



The UT240-610 is a 1U high full rack wide power/charging plate for AV racks. There are three power sockets providing up to 12A total power. Two power sockets are located on the front side of plate for convenient access. One power socket and a single power cord are located on the back side of the plate.

Two of the ten customizable ports are designed as USB charging ports. Just install the dual output USB charger (5V, Total 3.4A) provided with the unit into the rear AC socket. Then, connect USB 2.0 A type coupler to the USB charger using the USB cable (USB A-M to USB-M) provided with the unit. And connect USB C-A cable from the second USB port to the charger.

All eight ports can be easily customized in the field using different types of connectors and/or cables. Simply remove the blank covers and then install Keystone ports. All port openings are compatible with XLR type connectors or Keystone snap-in connectors.

For XLR connectors, remove a keystone adapter connector installed in one the port openings. To do this, remove M3 nuts and screws (two per each port) from the back side of the plate. The removed hardware can be used for installation of XLR connectors.

The UT240-610's unique design allows users to reposition or remove custom labels. There are 20 blank labels provided with the unit. Write the name of your custom port on the label. Apply labels above the snap-in ports. Preprinted custom labels are available at an additional cost.

For your convenience, UT240-610 accessories include 4 size 10-32 screws and 4 size 10-32 washers for rack mounting the unit.

### 6. Application Diagrams

Diagram 1: Typical Setup

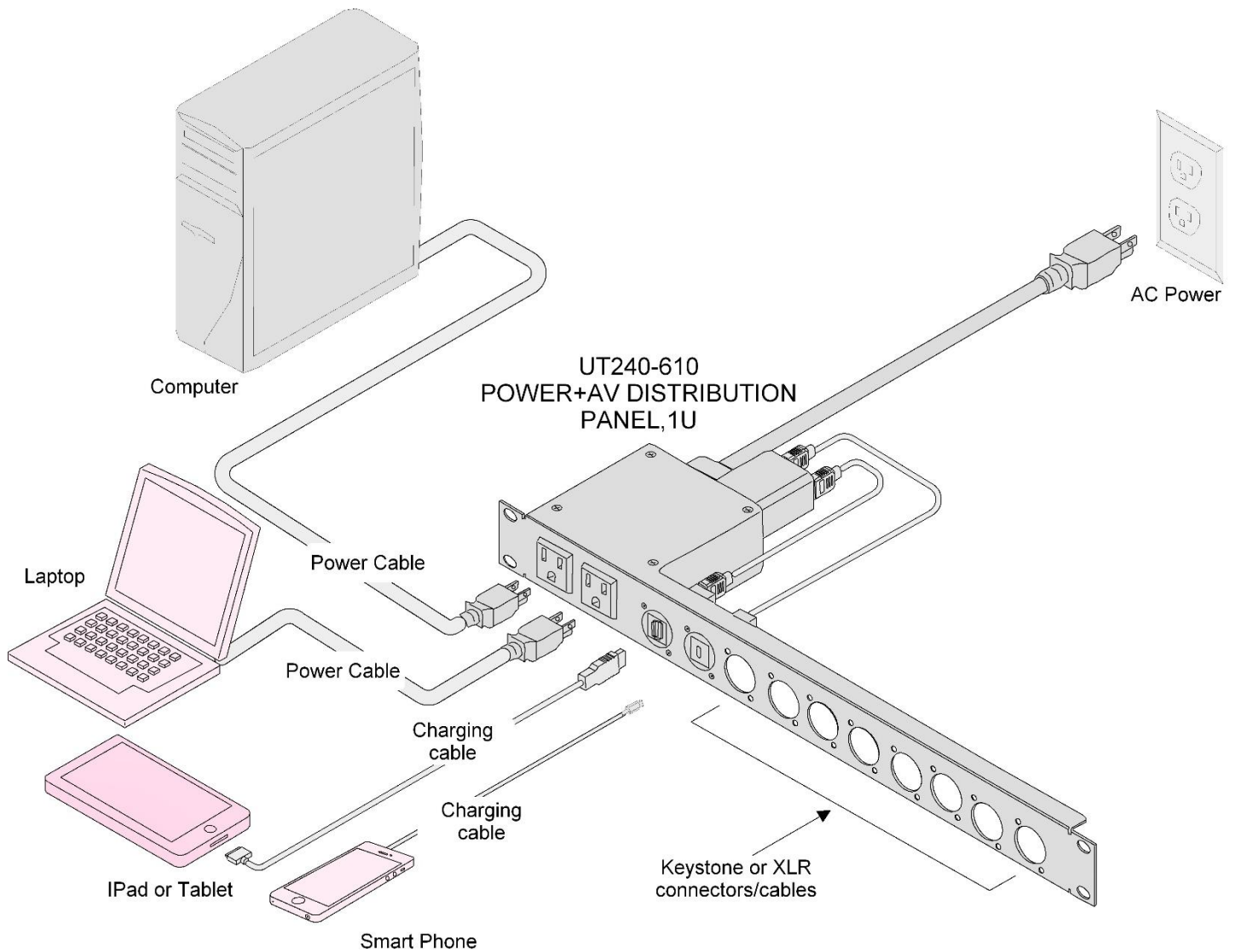
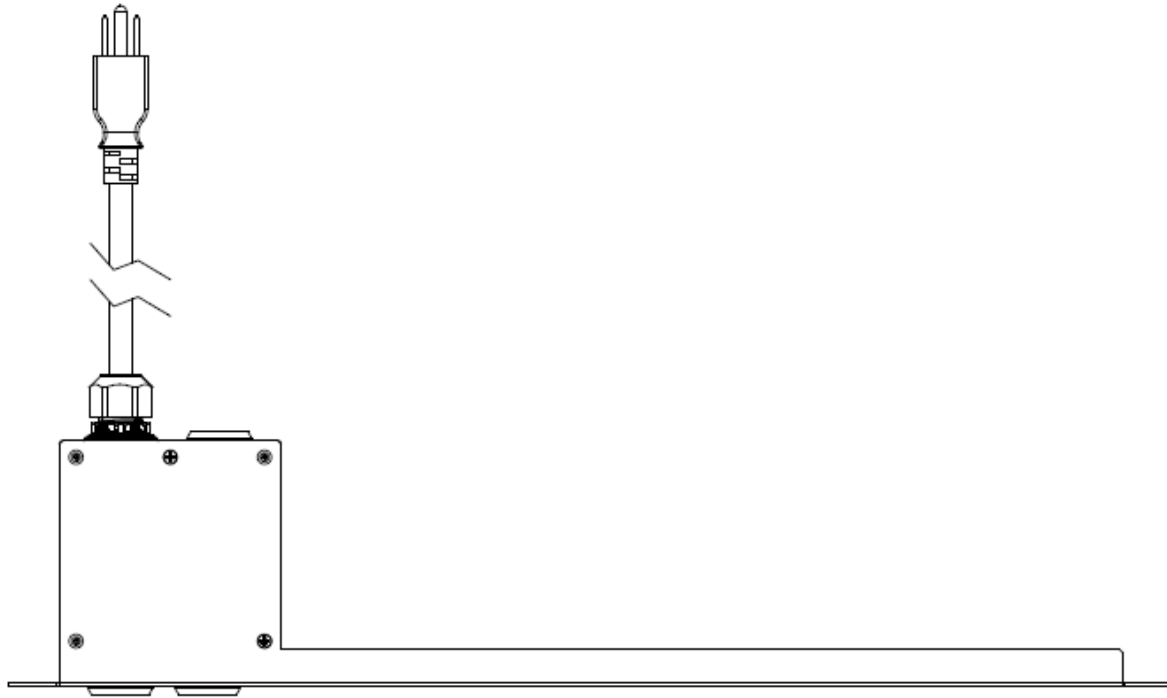
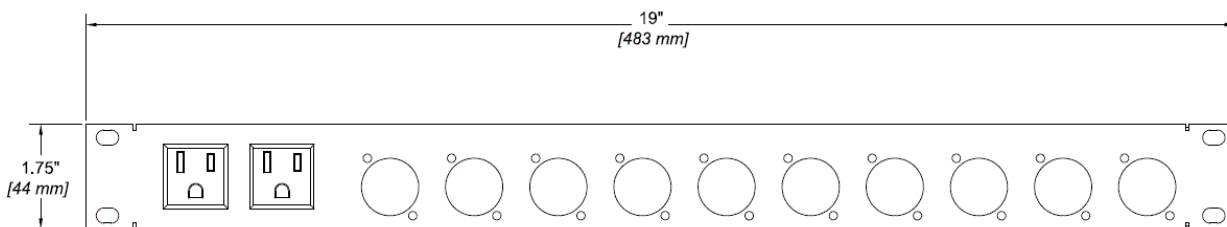


Diagram 2: Dimensions

Top View



Front View



Side View

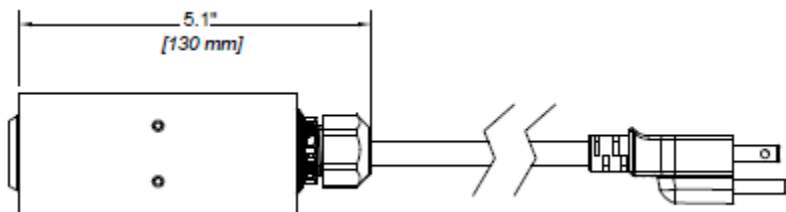
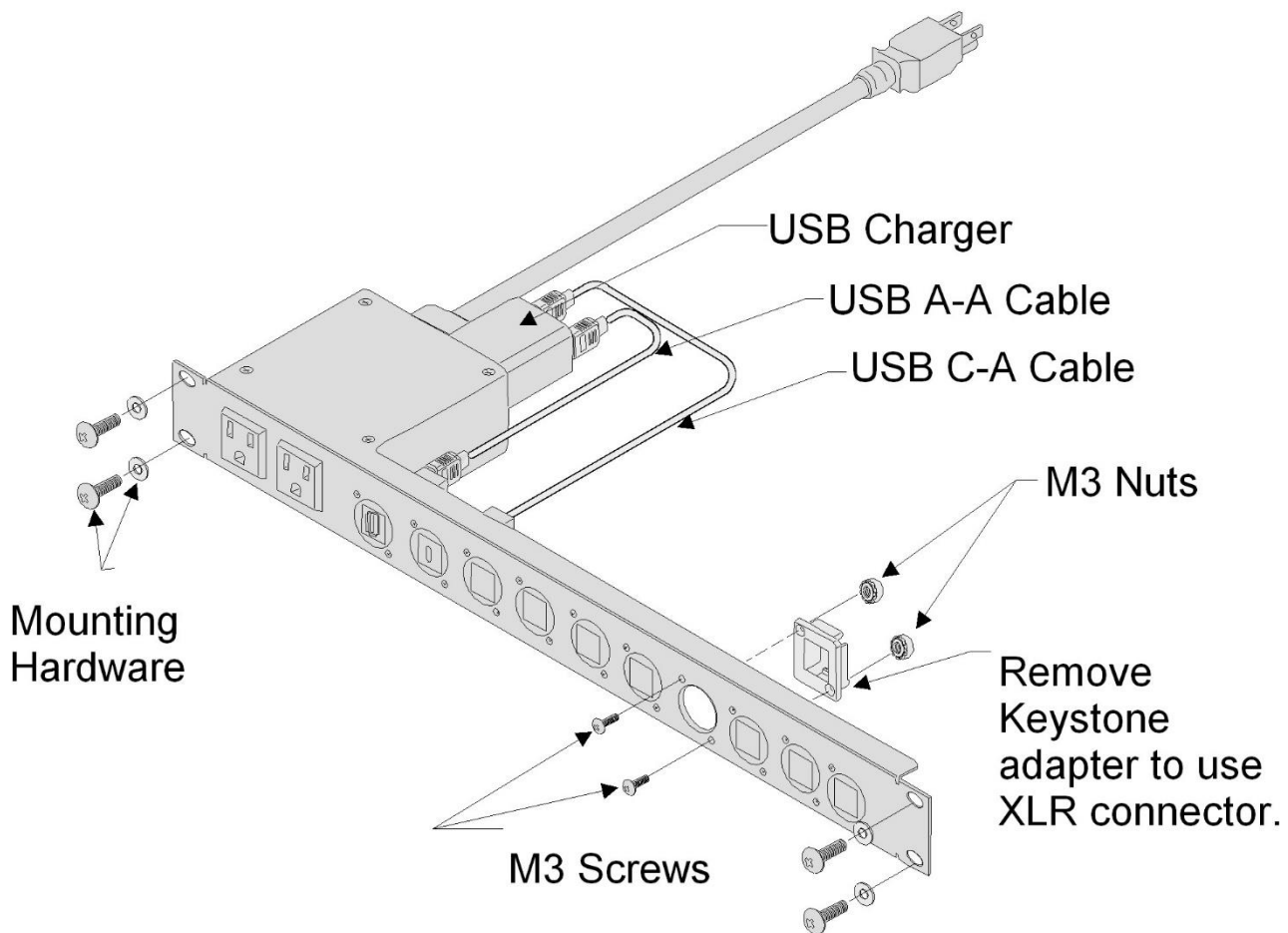


Diagram 3: Installation Diagram



### 7. Operation

The UT240-610 requires no adjustments for performance. Once set-up, the UT240-610 will work trouble-free without user intervention.

### 8. Troubleshooting Guide

We have carefully tested and found no problems in the supplied UT240-610; however, if you experience any problems or have questions, call Altinex at (714) 990-2300.