

Welcome!

Thank you for purchasing the MINI-ME™ RT300-160 USB C to USB A Cable Retractor. We know you will find it easy to install, easy to use and easy to maintain.

Our goal is to provide our customers with unique Signal Management Solutions® for Audio Visual applications.

1. Precautions and Safety Warnings

Please read this manual carefully before using MINI-ME RT300-160 USB Cable Retractor. Keep this manual handy for future reference. These safety instructions are to ensure the long life of your cable retractor and to prevent fire and shock hazards.

1.1 General

- The RT300-160 does not contain any user serviceable parts inside.
- Do not disassemble the unit. RT300-160 contains a high-tension spring that can uncoil rapidly creating a cutting hazard.
- Only qualified Altinex service personnel are allowed perform cable retractor repairs. Removal of the warranty sticker will void the warranty.

1.2 Installation

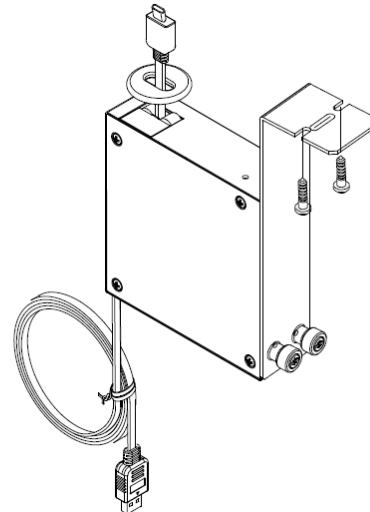
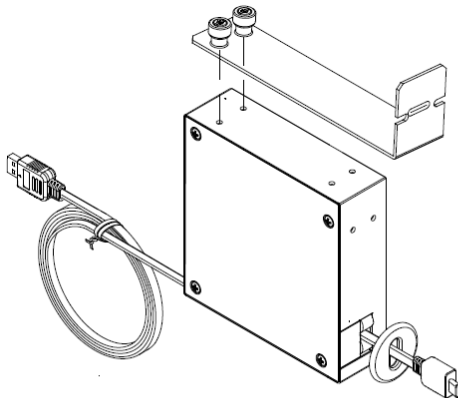
- Use the RT300-160 USB cable retractor in a dry area away from dust and moisture.
- Do not place the RT300-160 cable retractor in direct sunlight, near heaters or heat-radiating appliances, or near any liquid. Exposure to direct sunlight, heat and moisture will damage internal precision components.
- Handle the RT300-160 USB cable retractor with care. Dropping, straining, or shaking can damage internal components.
- Do not place heavy objects on top of the RT300-160 USB cable retractor.
- Follow installation instructions RT300-160 for optimum performance.

1.3 Cleaning

- Clean surfaces with a dry or slightly damp cloth. Do not use detergents or solvents.

2. Installation Procedures

1. Mount the RT300-160 to the provided with RT300-160 mounting bracket and secure it using thumbscrews on bracket.
2. Install mounting bracket with RT300-160 under table using provided with RT300-160 mounting screws. Position of the bracket must allow retract cable to enter straight up into position.
3. Connect the fixed cable to a display or a switcher.

**3. Limited Warranty/Return Policies**

Please visit Altinex website at www.altinex.com for details on warranty and return policies. If you have any questions, please call us at 1-800-ALTINEX or 714-990-2300.

4. Technical Specification

Specifications are subject to change. Please visit www.altinex.com for up-to-date specification

Features/Description	RT300-160
Inputs	
USB	USB C
Outputs	
USB	USB A (2.0)
Compatibility	
Tabletop enclosures	CNK200 & CNK221
Stand-alone mounting	Mounting holes with 4x40 threads are provided
Additional Accessories	
Mounting Hardware	-Mounting bracket -Mounting screws (2pcs)

Table 1 - **RT300-160** General Specifications

Mechanical	RT300-160
Dimensions	
Height	4.8 in (122 mm)
Width	4.8 in (122 mm)
Depth	1.4 in (37 mm)
Other	
Normal Pull force	0.3 lb. (+/- 0.1)
End of the cable pull force	Max 10 lb. (+2 lb.) Damage occurs when cable is forced past the end of cable mechanism.
Weight	0.78 lbs. (0.353 kg)
Color	Black
Material	Plastic
T° Operating	10°C - 35°C
T° Maximum	50°C
Humidity	90% non-condensing
MTBF (tested)	10,000 retractions

Table 2 - **RT300-160** Mechanical Specifications

Electrical	RT300-160
Cable Gauge	30AWG/26AWG 1 Pair/2 Conductors
Voltage Rating for Cable	30V
Power	5V, 8W
Amplifier	none

Table 3 - **RT300-160** Electrical Specifications

5. The MINI-ME RT300-160 USB Retractable Cable features

- Convenient, easy to install cable retraction system
- Mounting bracket mounts to retract with captive thumb screws
- Can be used with CNK200, CNK221 interconnect box, or as a stand-alone unit
- Simple operation for AV connectivity.
- USB 2.0 compliant cable.
- Tested to 10,000 retracts.



The RT300-160 offers a solution for managing USB type C to A cables. The cable assembly is designed to provide optimum performance. The RT300-160 has 4.0 ft. of retractable cable and 4 ft. of the fixed length cable.

The cable and the retractor have been tested to over 10,000 extensions/retractions. Mounting hardware securely mounts the cable retractors to the surface and is provided with RT300-160. The cable has permanently attached strain relief for convenient usage with Altinex grommet CNK panels.

6. Application Diagram

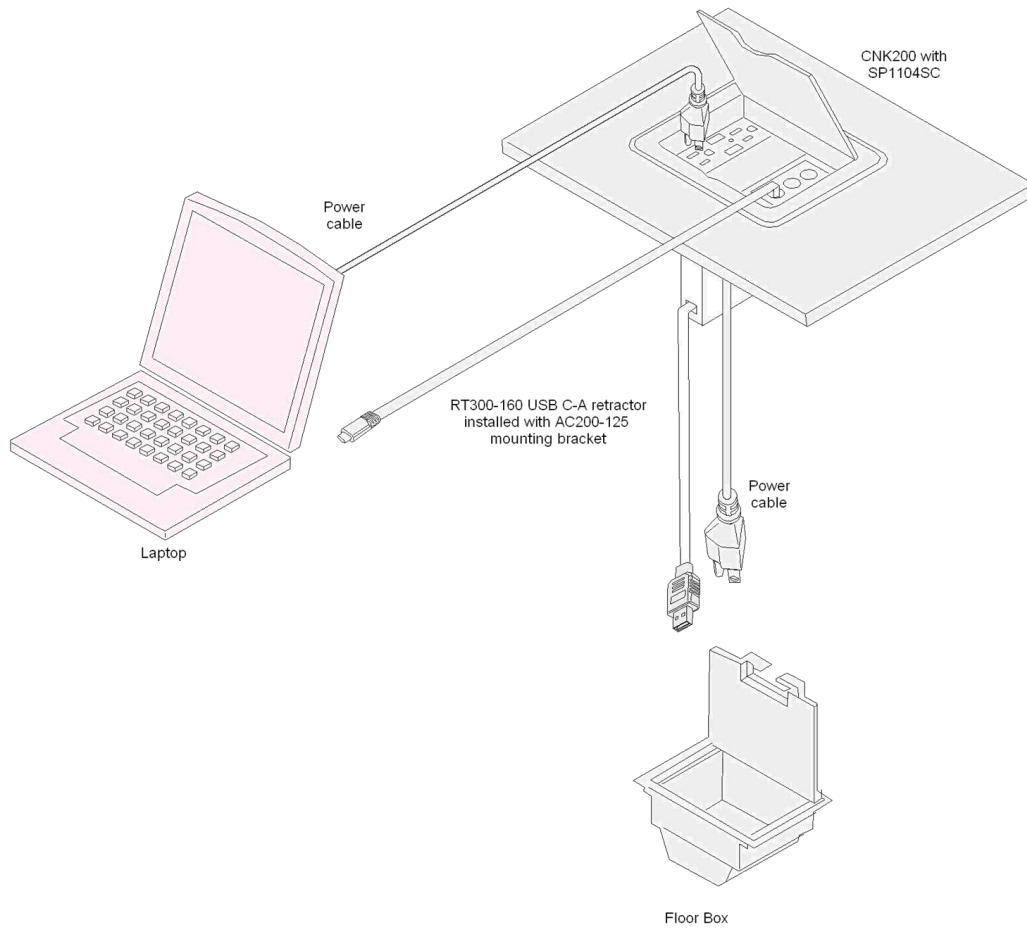


Diagram 1: Front Dimensions

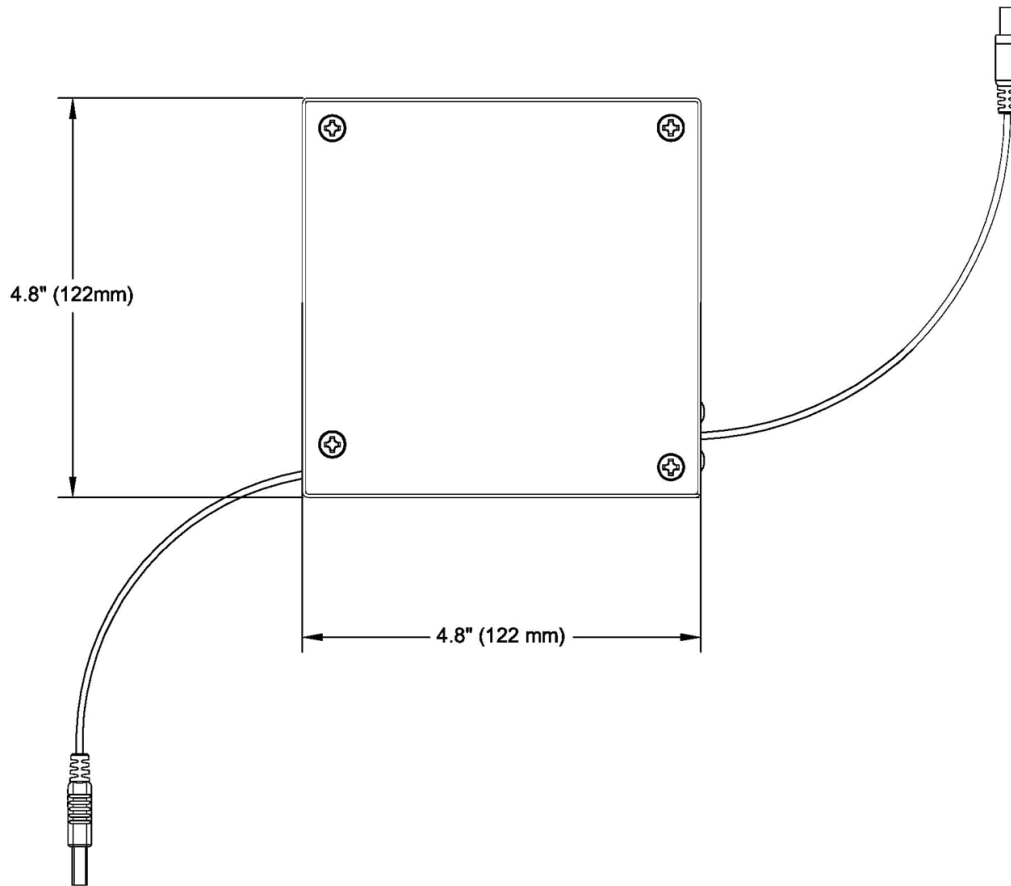


Diagram 2: Retractor Side Dimensions

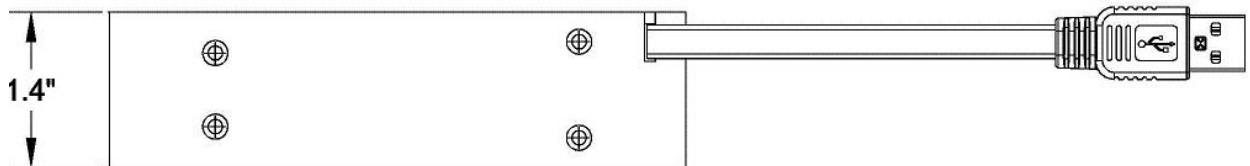
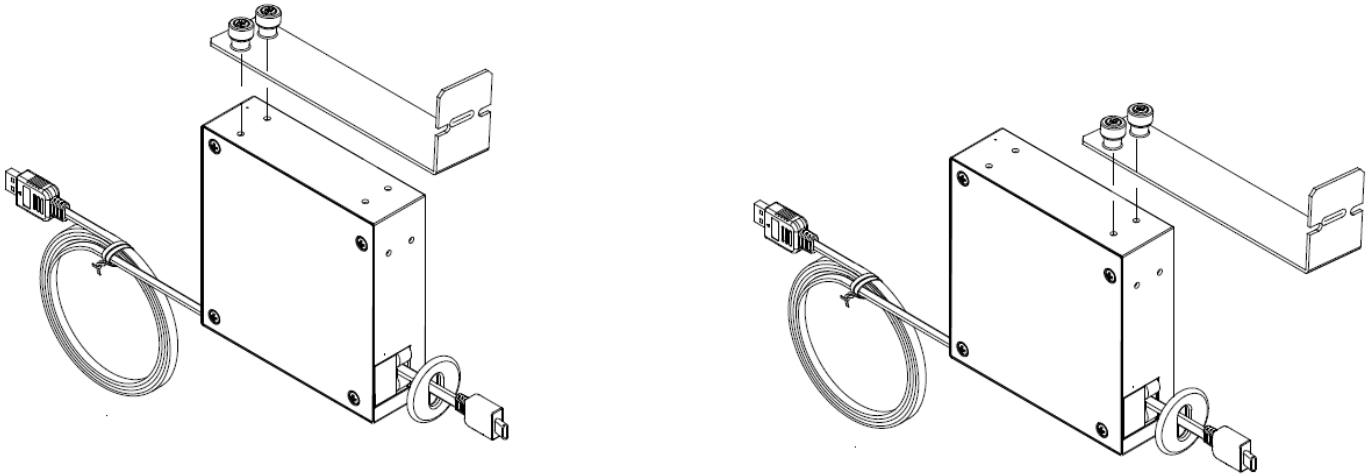


Diagram 3: Bracket Installation

Mount the RT300-160 to the mounting bracket provided and secure it using captive thumbscrews. Depending on the depth, the bracket can be installed on the upper threaded holes of the retract cable body.

**Diagram 4: Installation**

Attach mounting bracket with RT300-160 installed to the underside of the surface using the provided screws.

The position of the bracket must allow the retract cable to go into the straight up position

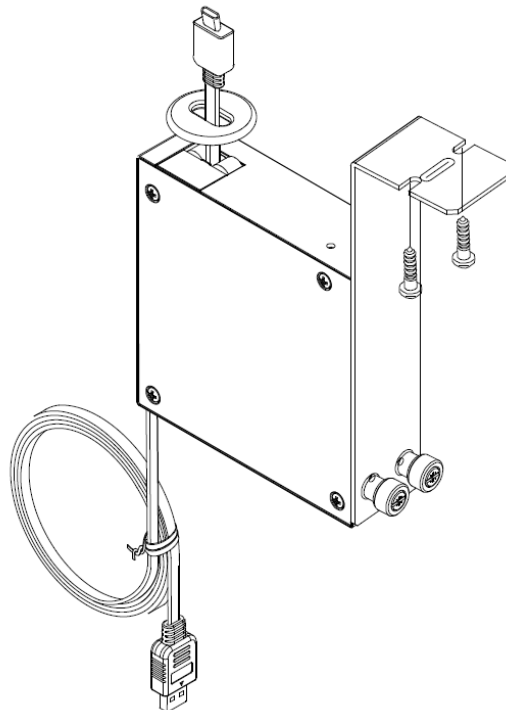
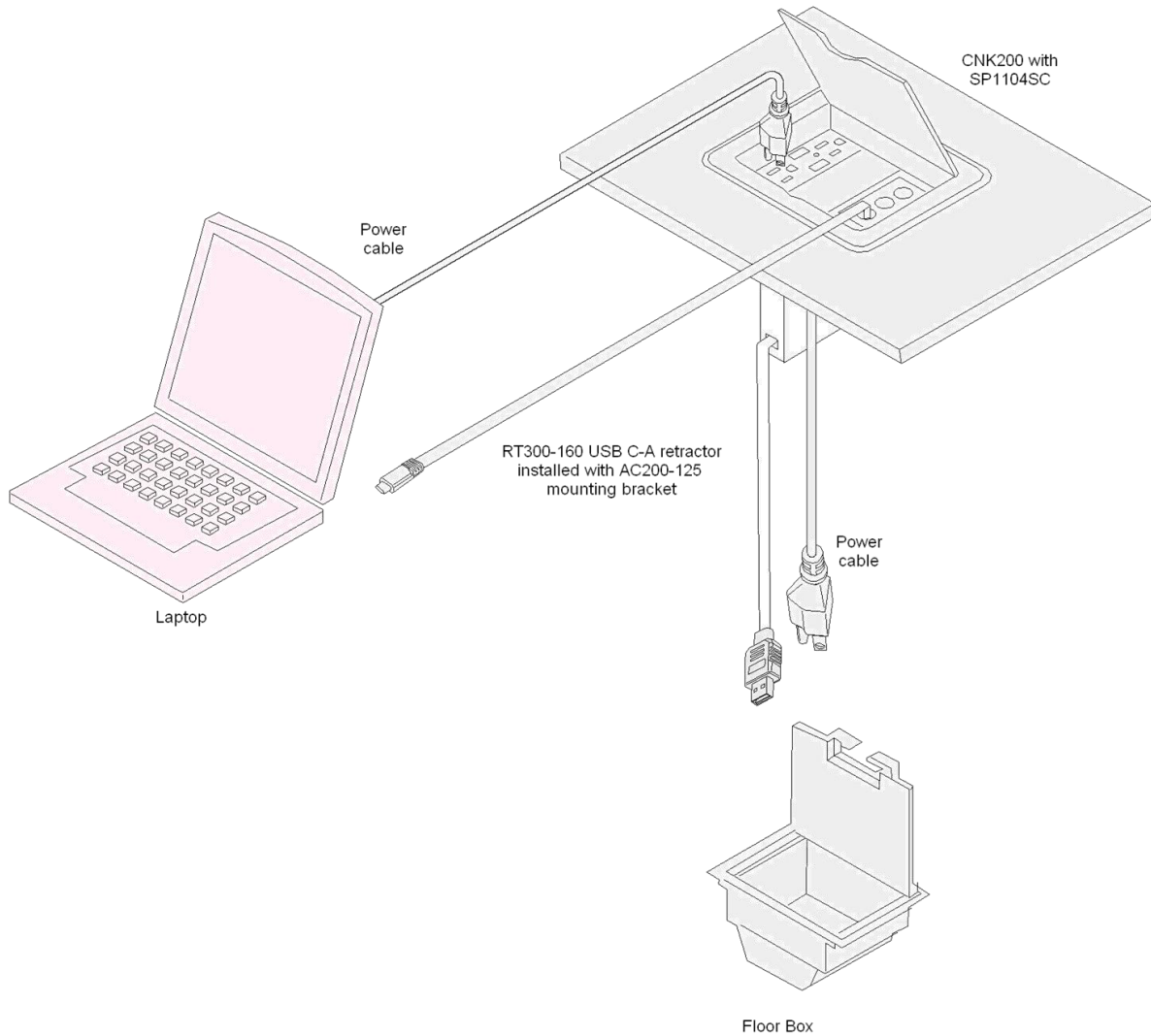


Diagram 5: CNK200/221 Installation

Install the bracket with the RT300-160 in a position such that the retract cable is under the grommet openings on CNK plates. Pull the cable through the bottom of the CNK body and faceplate.



7. Operation

7.1 Accessing the RT300-160 USB Retractable Cable

After installation, no further configuration is needed. To connect, simply open the CNK bezel and pull on the retractable cable.

Connect to a desired source. When finished, disconnect the cable, and gently pull and release cable and it will retract back into the bezel.

8. Troubleshooting Guide

The RT300-160 USB Retractable Cable supplied was carefully tested and no problems were detected. However, we would like to offer the following suggestions:

- Please make sure that the highest quality cables are used in addition to the retractable cable.
- Make sure that no cable or power cord is damaged or pinched. If there has been damage, do not use the CNK200 or the retractable cable. Please call the Altinex Customer Service Department at (714) 990-2300 to have the unit repaired.