

Welcome!

We greatly appreciate your purchase of the TB100-XXX Table Buddy Modular Unit. We are sure you will find it reliable and simple to use. Superior performance for the right price, backed by solid technical and customer support is what Altinex offers.

We are committed to providing our customers with Signal Management Solutions® to the most demanding audiovisual installations at competitive pricing and we welcome you to join the ranks of our many satisfied customers throughout the world.

1. Precautions and Safety Warnings

Please read this manual carefully before using your TB100-XXX Table Buddy. Keep this manual handy for future reference. These safety instructions are to ensure the long life of your TB100-XXX and to prevent fire and shock hazards. Please read carefully and heed all warnings.

1.1 General

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

1.2 Installation

- For best results, place the TB100 Table Buddy Modular Unit in a dry area away from dust and moisture.
- To prevent fire or shock, do not expose this unit to water or moisture. Do not place the TB100-XXX 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 cable attached to the unit.

1.3 Cleaning

- Surfaces should be cleaned with a dry cloth. Never use strong detergents or solvents, like 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 the 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.

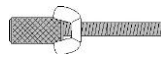
2. Installation Procedures

Step 1. Cut an opening in the table's surface. Refer to www.altinex.com for table cutout dimensions and templates. Always confirm dimensions before cutting to ensure specifications have not changed.

Table thickness must be 0.6 to 2.5 inches (15 to 63 mm).

Step 2. Insert the TB100-XXX into the tabletop.

Step 3. Set the wingnut high up on the thumbscrew to start.



Step 4. Under the table, insert the 2 mounting brackets into the notches as shown. On models with 5 notches, do not use the top notch as it will interfere with modules.

Step 5. Thread thumbscrews through the brackets as shown until finger-tight only.

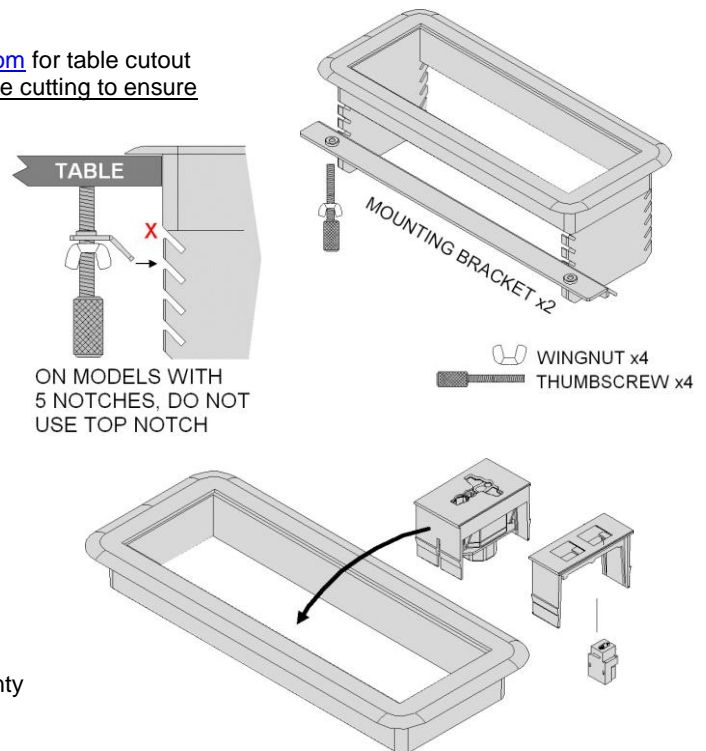
Do NOT overtighten.

Step 6. Secure wingnuts against brackets to prevent loosening.

Step 7. Install the snap-in module into the interior of the unit, and then connect cables to plates.

3. Limited Warranty/Return Policies

Please see the Altinex website at www.altinex.com for details on warranty and return policies.



4. Technical Specifications

Specifications are subject to change. See www.altinex.com for up-to-date information.

Tables shown are for Pre-configured Modular unit -TB100-10X. Custom configurations are available on order under TB100-10XC.

Features/Description	TB100-X01*
Pass -Through	
Audio, Video	Snap in HDMI Type A F-F (1)
Network	Snap In RJ-45 F-F (2)
USB 3.0 Type A	Snap in USB F-F (2)
USB Type C	Snap in USB F-F (1)
Pass-Through AC 1 ft. (0.3 m)	
12A ,125V	NEMA 5-15R (2)
Plug Type	NEMA 5-15P (2)
Blank Slots	TB130-X01 (1/4") (2) TB130-X02 (1/2") (2)
Accessories Included	
Mounting Hardware	Mounting brackets, screws and nuts (4pcs of each)

Table 1. TB100-X01* General

Mechanical	TB100-X01*
Minimum Table Thickness	0.6 in (15 mm)
Maximum Table Thickness	2.5 in (63 mm)
Length	9.5 in (241 mm)
Width	4.1 in (104 mm)
Depth below the table	3.3 in (84 mm)
Color: TB100-101	Matte White
TB100-201	Matte Silver
TB100-301	Matte Black
Material	Plastic
T° Operating	10°C-35°C
T° Maximum	50°C
Humidity	90% non-condensing
MTBF (calculations)	40,000 hrs. (min.)

Table 2. TB100-X01* Mechanical

Electrical	TB100-X01
Power Rating (Pass through AC power)	12 A ,125V (Each outlet module)

Table 3. TB100-X01* Electrical

*TB100-101-Matte White color, TB100-201-Matte Silver Color TB100-301-Matthe Black Color

HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

5. About Your TB100-00X

- Configurable with any Table Buddy snap-in modules and connectors
- Simple, cost-effective interconnect solution
- Installs into tabletop
- Easily secure unit to the surface without tools
- Convenient access to connect cables via snap-in modules
- Pre-configured unit available as TB100-X01 (in black, white, or silver)
- Downloadable cutout template available
- Fits table surfaces 0.6 – 2.5 in (15 - 63 mm) thick



The TB100-00X is a modular unit frame that is configurable with various Table Buddy snap-in modules and connectors. Cables for a presentation system are connected to the connectors on the snap-in modules enabling the user easy access to connections for AC power, video, audio, and other media sources from the top of the table. It is available in three colors. The TB100-001 is a standard matte white frame. The TB100-002 is a silver matte color. The TB100-003 is a standard matte black.

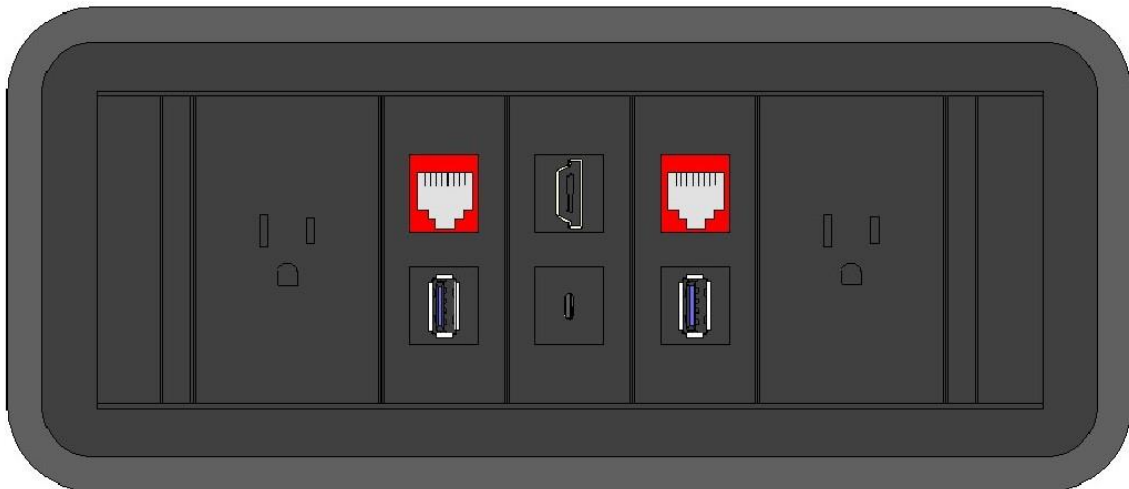
The TB100-00X is designed for use with tables ranging from 0.6 inches thick to 2.5 inches thick. Two mounting brackets are included with unit along with thumbscrews and wing nuts for securing thumbscrews. Chose the set that matches your table surface thickness. Mounting screws are applied from the top of the unit for user convenience.

The Table Buddy snap-in module options for the TB100-00X allow diverse connector configurations. Modules are easy installed just by snapping them into unit body from the top of the unit. These modules include combinations of audio, video, computer, and AC power connectors that provide extensive flexibility in a convenient package. The snap-in modules are flush with the surface of the unit. Coupler connectors allow cables to connect to the presentation system underneath the surface and have easy user access to connectors on the table's surface.

The TB100-X01 unit is pre-configured with the two U.S. power, two 1/2-inch-wide blank plate, and 3 double snap-in connector plates which are pre-populated with the following snap-in connectors: two RJ-45, two USB-A 3.0, HDMI, and USB-C couplers. Blank plates are used to cover empty slots if needed.

The TB100-101 comes in a standard matte white frame, while other finishes are also available: Standard silver matte color (TB100-201) and standard matte black (TB100-301).

For the customizable version of this unit, see TB100-X01C.



Note: Photo is of a typical configuration.

6. Application Diagrams

Diagram 1: Typical Setup

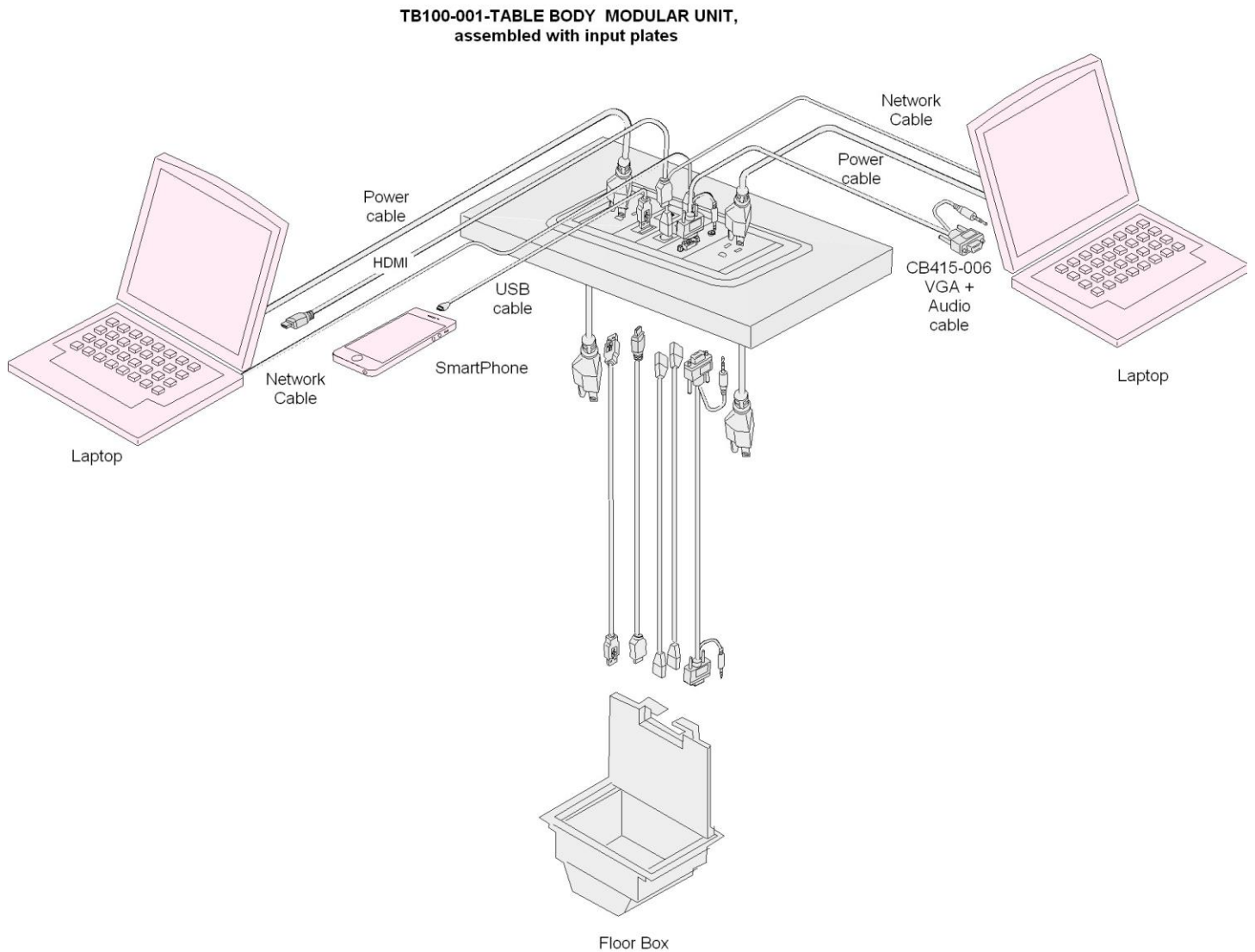


Diagram 2: Dimensions Top and Side

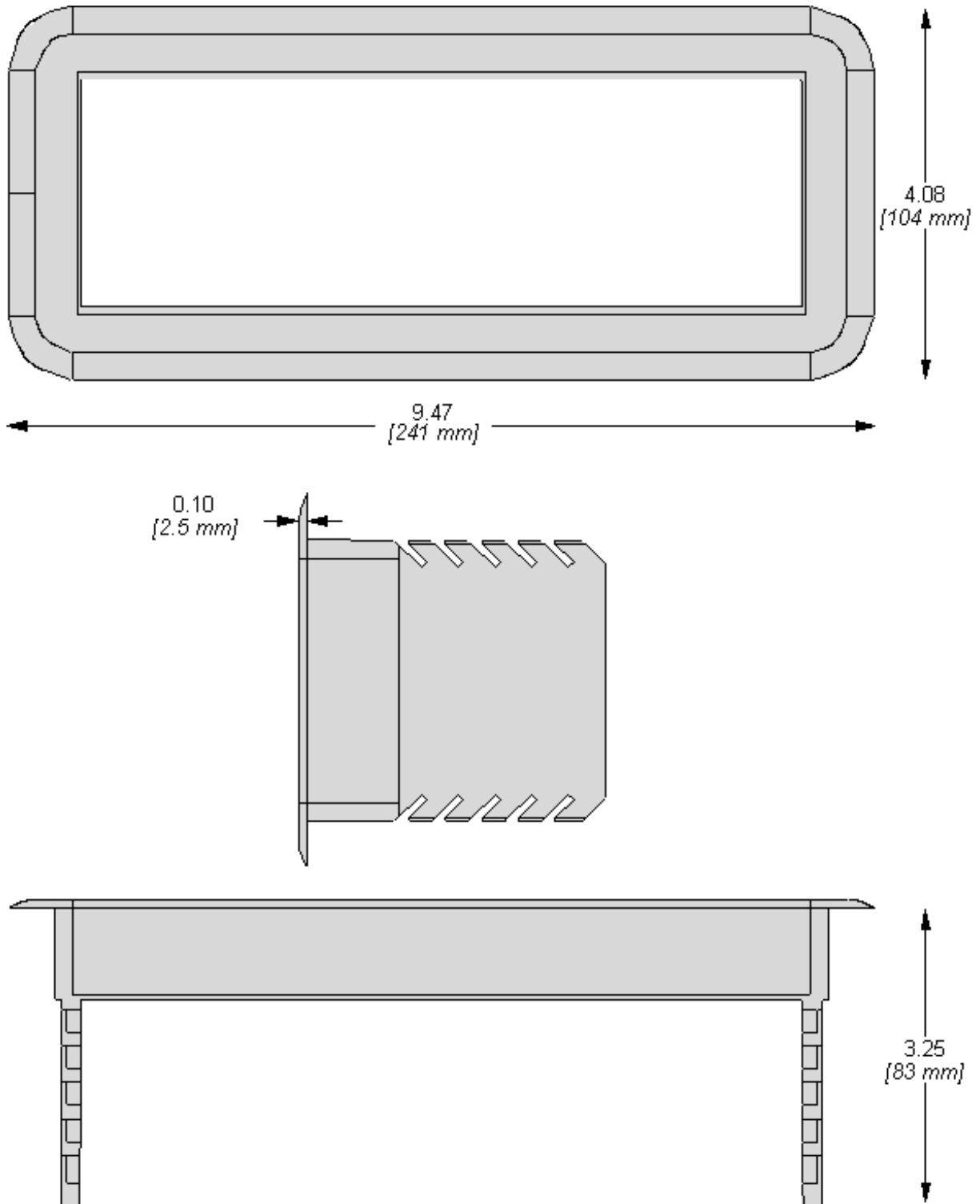
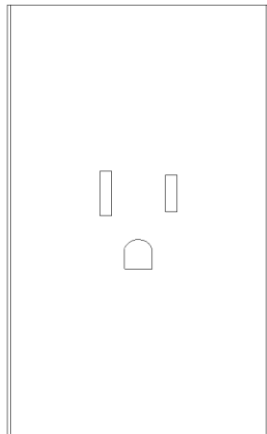


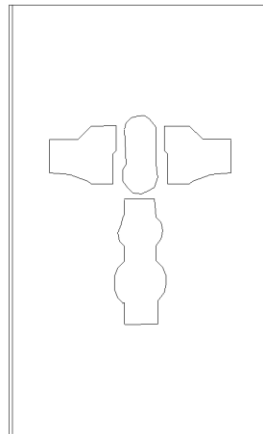
Diagram 3: Table Buddy snap-in modules

Power Plates



US Power
NEMA Receptacle
to NEMA Plug
1ft (0.3 m) Cord

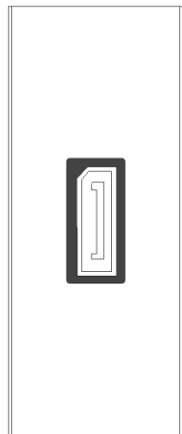
TB110-101-white
TB110-201-silver
TB110-301-black



Universal Power
Receptacle to
IEC C14
(no cord)

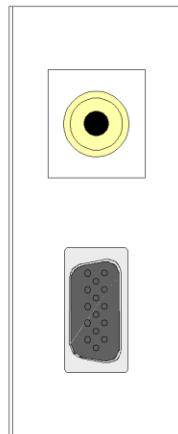
TB110-102-white
TB110-202-silver
TB110-302-black

Signal Plates



Displayport
Keystone
F-F coupler

TB120-102-white
TB120-202-silver
TB120-302-black



3.5 mm, Keystone
F-F coupler

15-pin HD, F-F
Connector

TB110-103-white
TB110-203-silver
TB110-303-black

Blank Plates



1/4-inch
Blank Plate

TB130-101-white
TB130-201-silver
TB130-301-black



1/2-inch
Blank Plate

TB130-102-white
TB130-202-silver
TB130-302-black

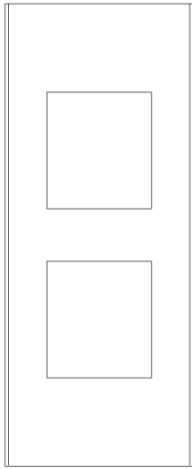


1-inch
Blank Plate

TB130-103-white
TB130-203-silver
TB130-303-black

Diagram 4: Customizable Table Buddy snap-in modules and connectors.

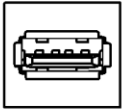
TB120-X01 double snap-in plate for keystone connectors.



TB120-101-white
TB120-201-silver
TB120-301-black

SN series Keystone couplers (F-F) for TB120-X01 customization.

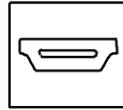
SN1321-USBA-W -white
SN1321-USBA-B-black
USB A F-F



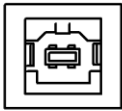
SN1310-W -white
SN1310-B-black
Blank Snap In plate



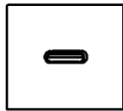
SN1317-HDMI-W-white
SN1317-HDMI-B-black
HDMI F-M



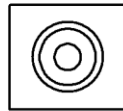
SN1321-USBB-W -white
USB B F-F



SN1321-USBC-W -white
SN1321-USBC-B-black
USB C F-F



SN1305-AU-B-black
SN1305-AU-W-white
3.5mm F-F



RJ45 F-F
SN1318-RJ45-W-white
SN1318-RJ45-B-black
SN1318-RJ45-BL-blue
SN1318-RJ45-G-green
SN1318-RJ45-R-red

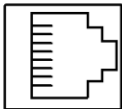
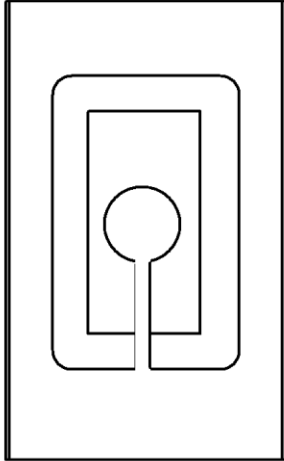


Diagram 5: Retract Plate for Altinex Retractable Cables

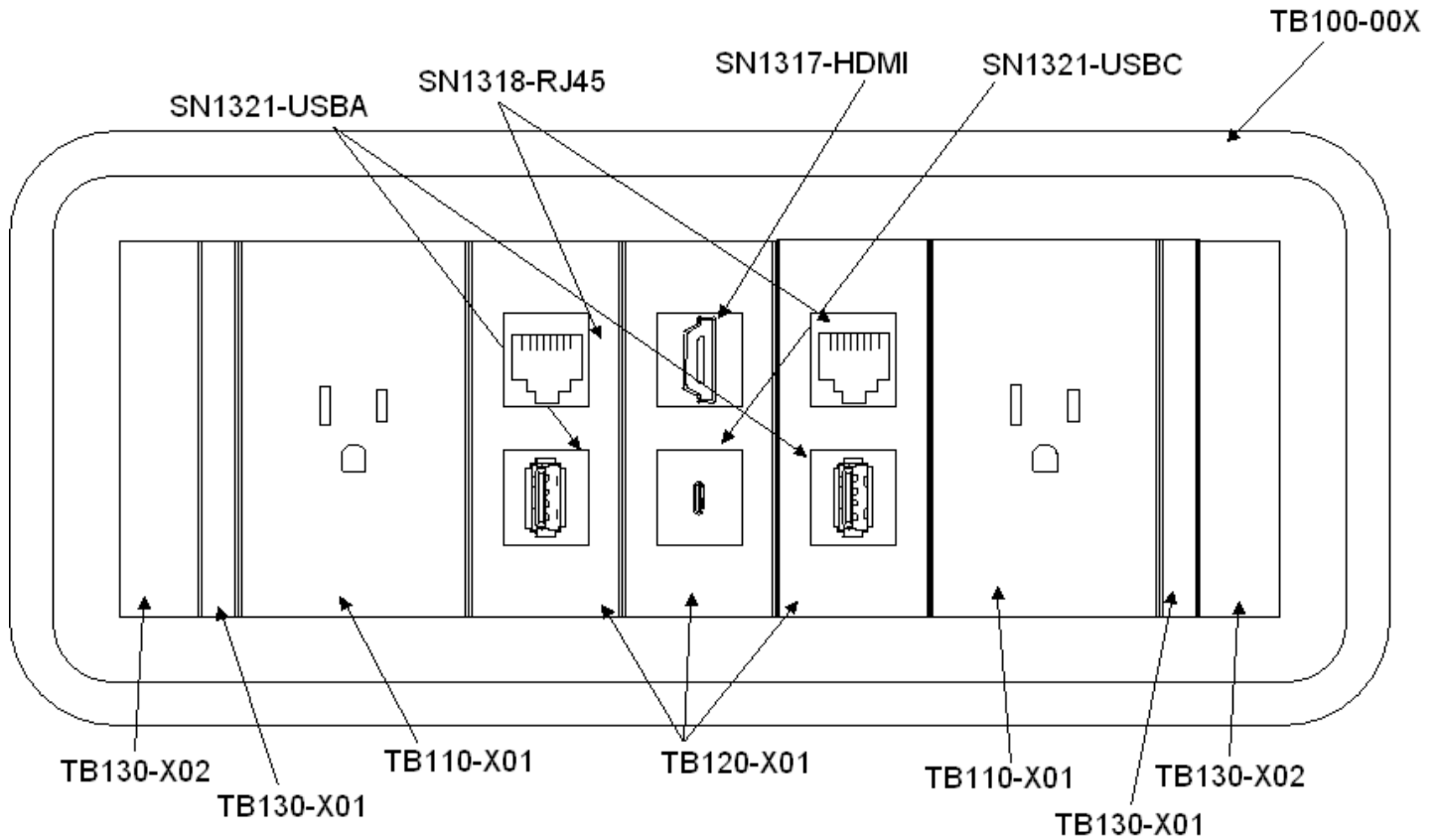
TB120-X04 retractable cable plate for RT300 retractable cables.



TB120-104-white
TB120-204-silver
TB120-304-black

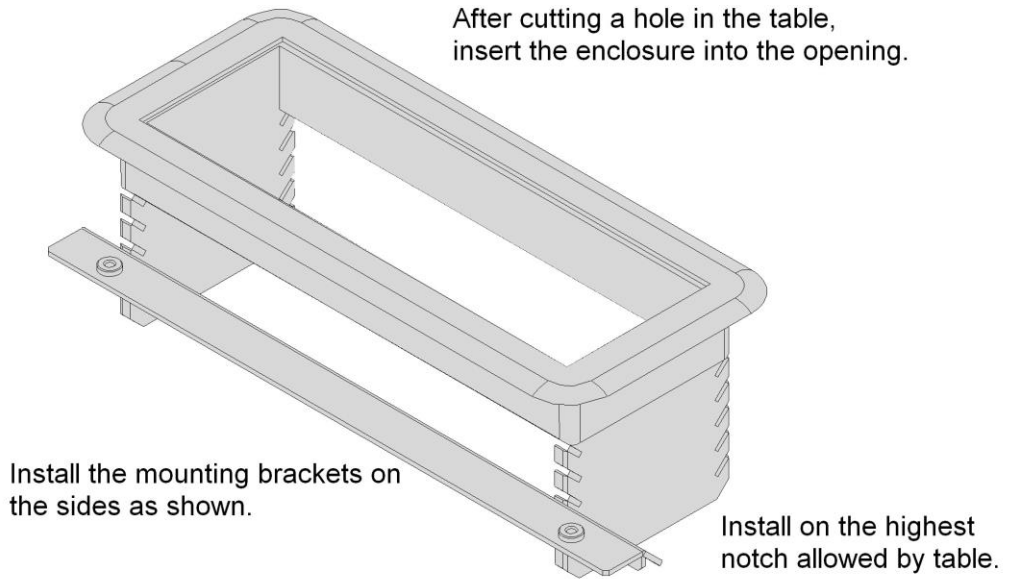
Diagram 6: TB100-X01 Pre-configured Table Buddy

The TB100-X01 (TB100-201-white, TB100-201-silver, TB100-301-black) unit is pre-configured unit as shown below.

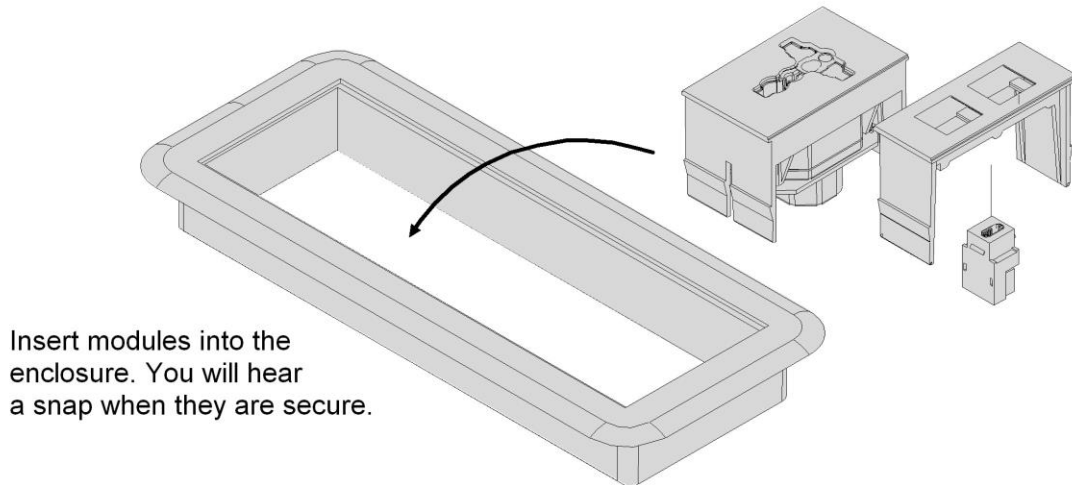
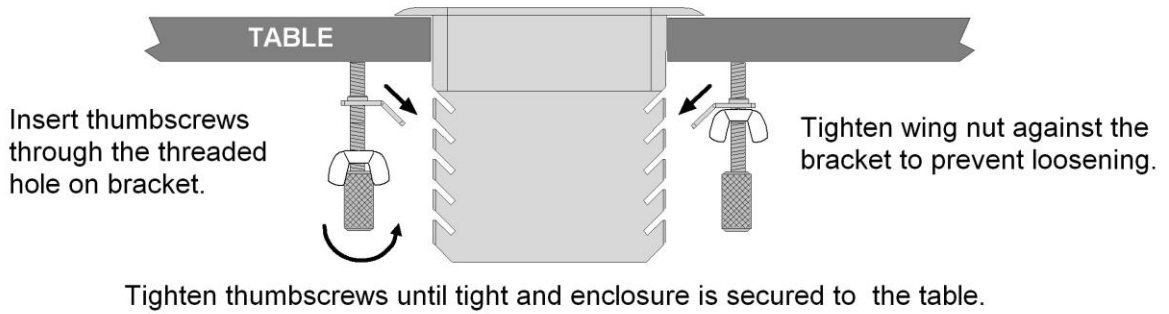
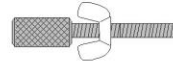


The TB100-X01C (TB100-201C- white, TB100-201C -silver, TB100-301C black) unit is custom configuration unit.

Diagram 7: Mounting



Make sure the wing nut is on the thumbscrew. Place it up near the top of the screw.



7. Operation

The TB100-XXX requires no adjustments for performance. Once set-up, the TB100 will work trouble-free without user intervention.

8. Troubleshooting Guide

We have carefully tested and found no problems in the supplied TB100-XXX; however, if you experience any problems or have questions, call Altinex at (714) 990-2300.