



TeleStepper Gen 4 Product # (6907) Setup and Operators Guide

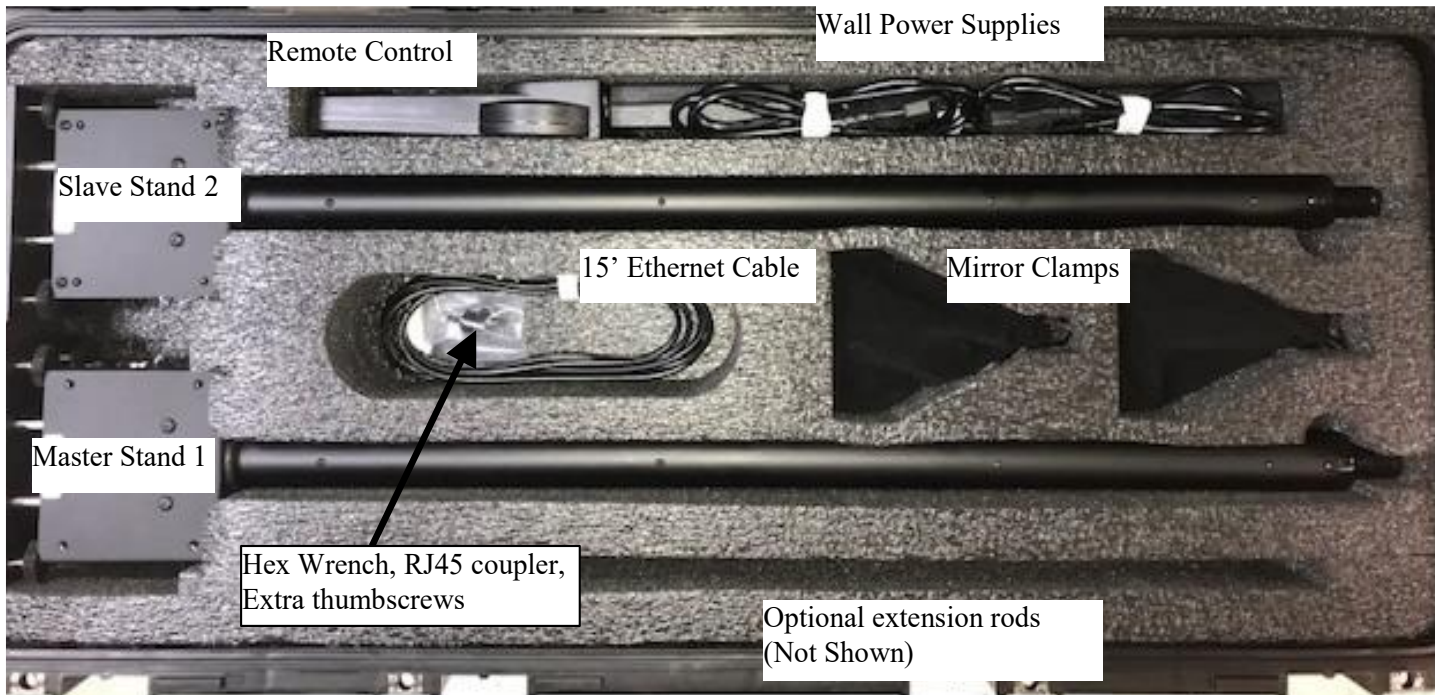
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Package Contents

Quantity	Description
1	Remote Control
1	Stand 1 (Master)
1	Stand 2 (Slave)
2	Wall Power Supply, +24V
1	50 foot RJ45/Ethernet cable (located in the case lid)
2	10 foot RJ45/Ethernet cable
1	RJ45 Coupler
1	1/8" Hex Wrench
2	Mirror Clamps
2	6" Shrouds with black wire and thumbscrews
2	Base Plates with monitor adapter hardware installed
2	Optional extender rods

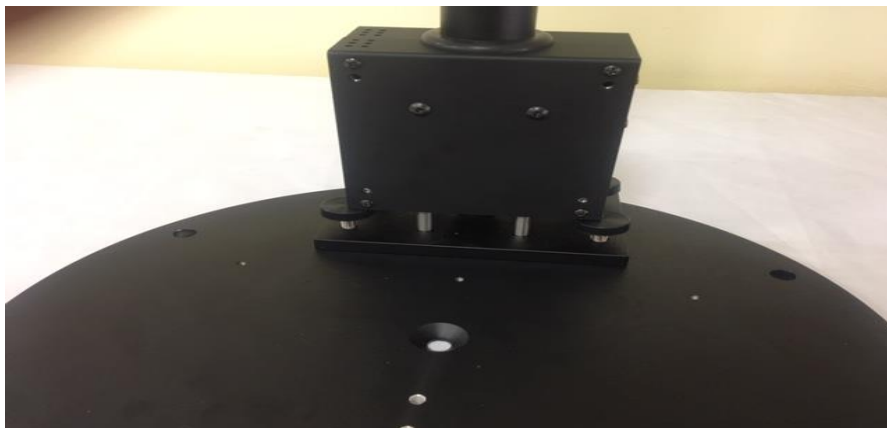


Two Stand “Presidential System” Setup

- 1) Remove the two round baseplates, place them on the floor, side up as shown below:



- 2) Remove the two stands and place them on the base plates. Align the stands with the 4 thumbscrews as shown below



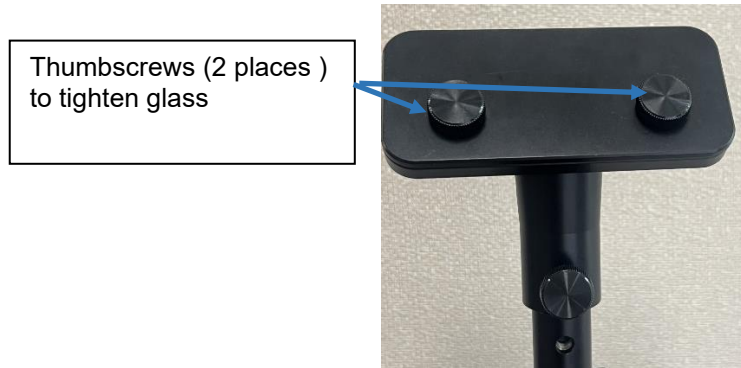
Note, the two stands are unique, Stand 1 and Stand 2



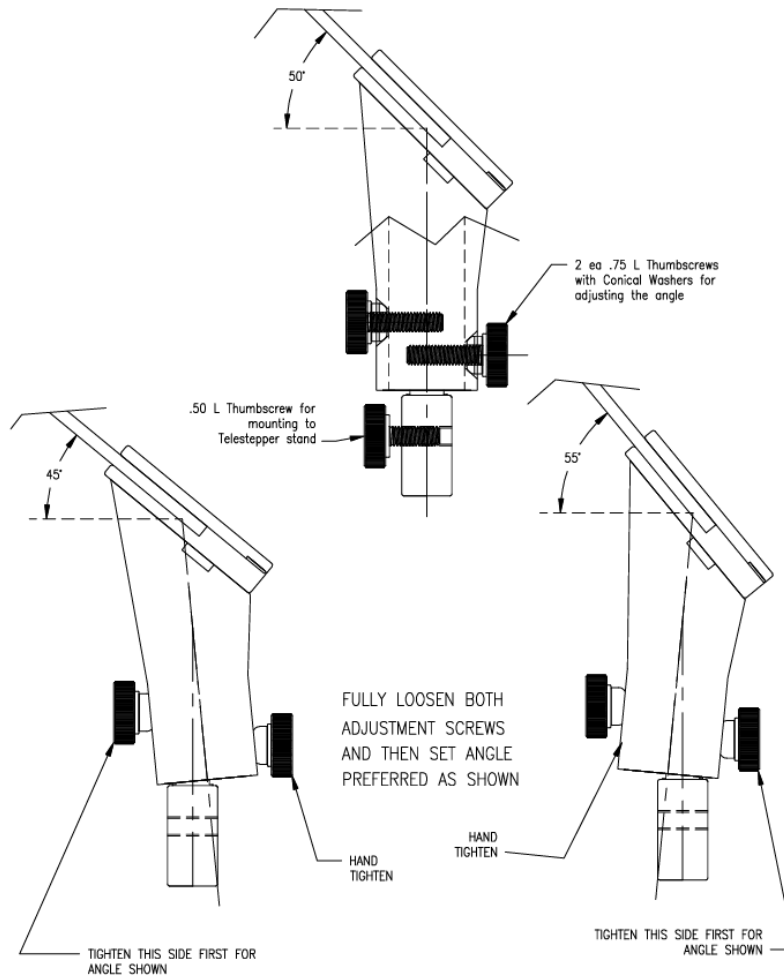
- 3) Unpack the Mirror Clamps and attach to each of the Stand's upper rod. Secure with the thumbscrew. Also, if a fixed setting is desired, two low profile hex screws can be used



- 4) Place teleprompting glass inside the mirror clamp and tighten using the two thumbscrews



- 5) The angle of the glass can be adjusted +/- 10 degrees, 50 degrees nominal, using the two thumbscrews.

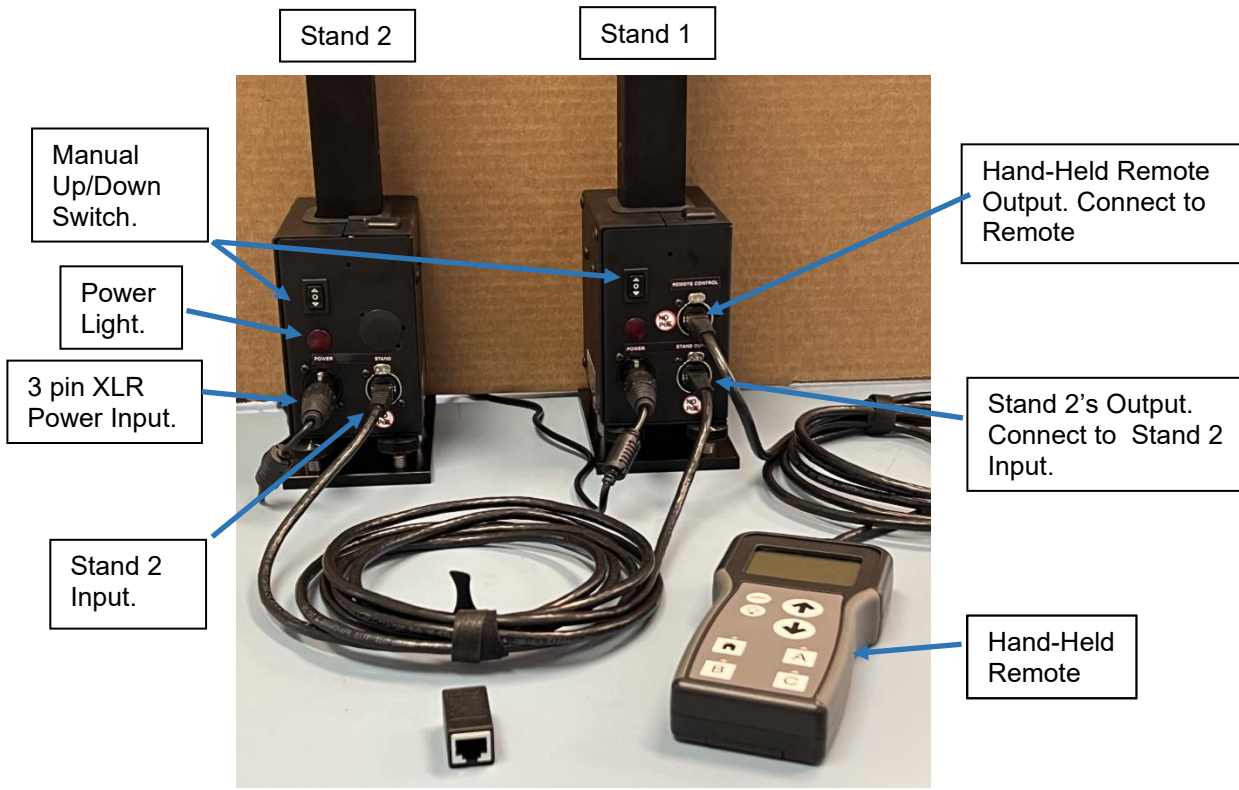


Two Stand System cabling

Warning!

Do not connect to any Ethernet switch, hubs or any other Ethernet devices. Especially any devices that utilize PoE (Power Over Ethernet)

Damage can occur



- 6) Connect the 10 foot RJ45/Ethernet cable from the Stand 1's "**Stand Output**" connector to the Stand 2's "**Stand**" input
- 7) Plug in the 50 foot RJ45/Ethernet cable into the Stand 1 "**Remote Control**" input
Note: To extend the cable from 50' to 75', use the RJ45 Coupler with the extra 10' cable. Longer Cat 5 or higher Ethernet cables can be used, up to 1000 feet
- 8) Plug the RJ45/Ethernet cable into back of the Remote Control. The Remote Control must be plugged into the Stand 1's "Remote Control" RJ45 connector.



- 9) Apply the 3 pin XLR power connector to each stand's **"Power"** input. Plug the AC power cord into the IEC connector on the +24V supply and the other end into an 100-240 VAC wall outlet.

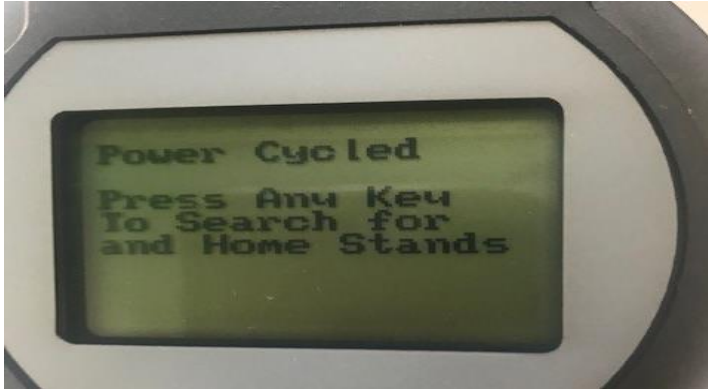
The Red power light should be illuminated



- 10) When the Stand 1 power is applied, the following will appear on the Remote Control's display. Note the firmware version and the Back-light is turned on briefly



11) The display will then show the following:



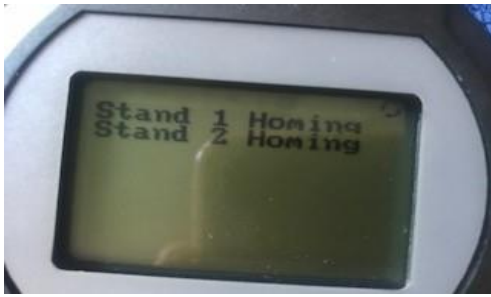
12) Make sure all Stands are powered up and cabled correctly. Press any key on the remote control to continue. When any key is pressed, the Remote-Control unit will search for stands, after the Search is completed, the following will appear.



13) Verify that the expected number of stands are found.



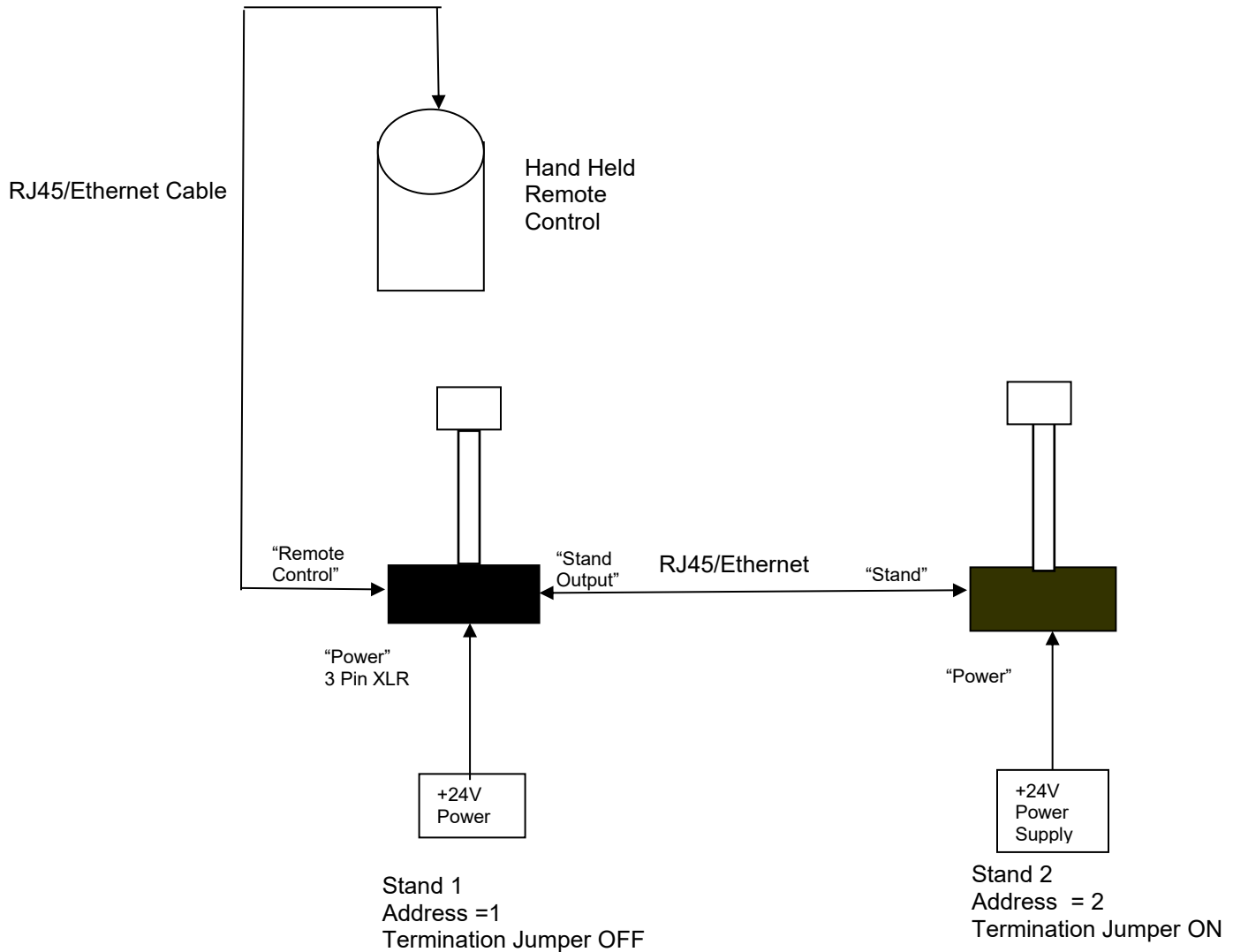
14) After the search, each stand is sent to the Home or "0" position



15) Once homing is complete, the display appears as follows. The Control Buttons on Remote-Control unit are now active



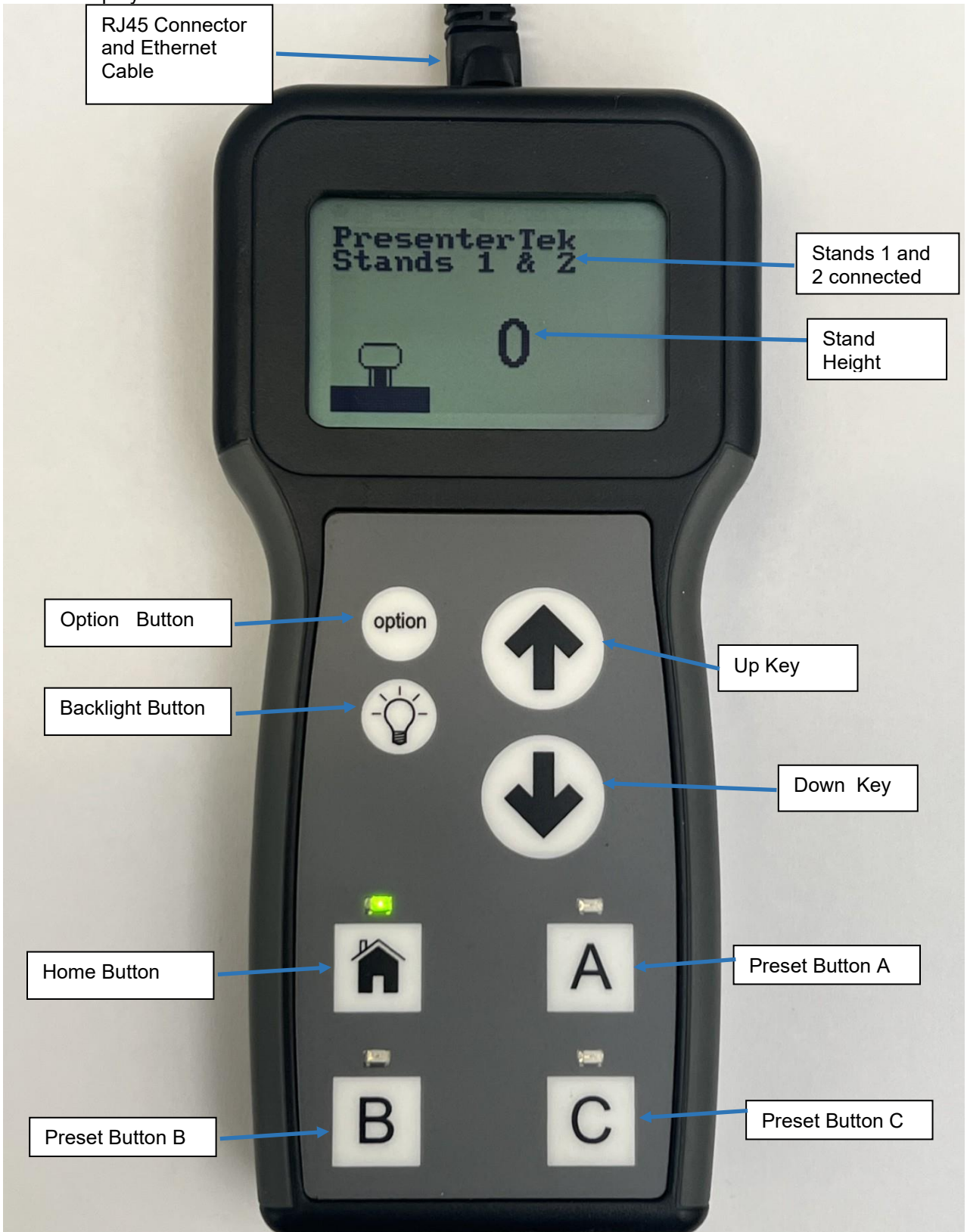
Two Stand Cabling Diagram



Operation:

Hand-Held Remote Control

Stand Operation is controlled by the 8-key remote control. Status is displayed on the LCD display



Remote Key/ Buttons Description

Key/Button	Function
Up	Moves Stand Upwards in 0 –24 increments. Each increment is 1 inch from the bottom home or zero position.
Down	Moves Stand Downwards. Each increment is 1 inch.
Backlight	Toggles Remote Control Backlight
Option	Allows for individual Stand control
Home	Moves the stand(s) the lowest 0 or home position
A	Preset position A, press to move stands, Press and hold to set
B	Preset position B, press to move stands, Press and hold to set
C	Preset position C, press to move stands, Press and hold to set

Preset Buttons

There are 3 Preset and 1 Home button.

The Home button moves the active stand, or stands, to the lowest or home position. The button will be lit when pressed. It also can be lit by whenever the stand(s) are moved to the lowest position, or 0, using the Down key

The Preset A, B or C buttons will move the active stand, or stands, to the previously set preset. position. The respective button will be lit when pressed. It also can be lit by whenever the stand(s) are moved to the preset position using the Up or Down key.

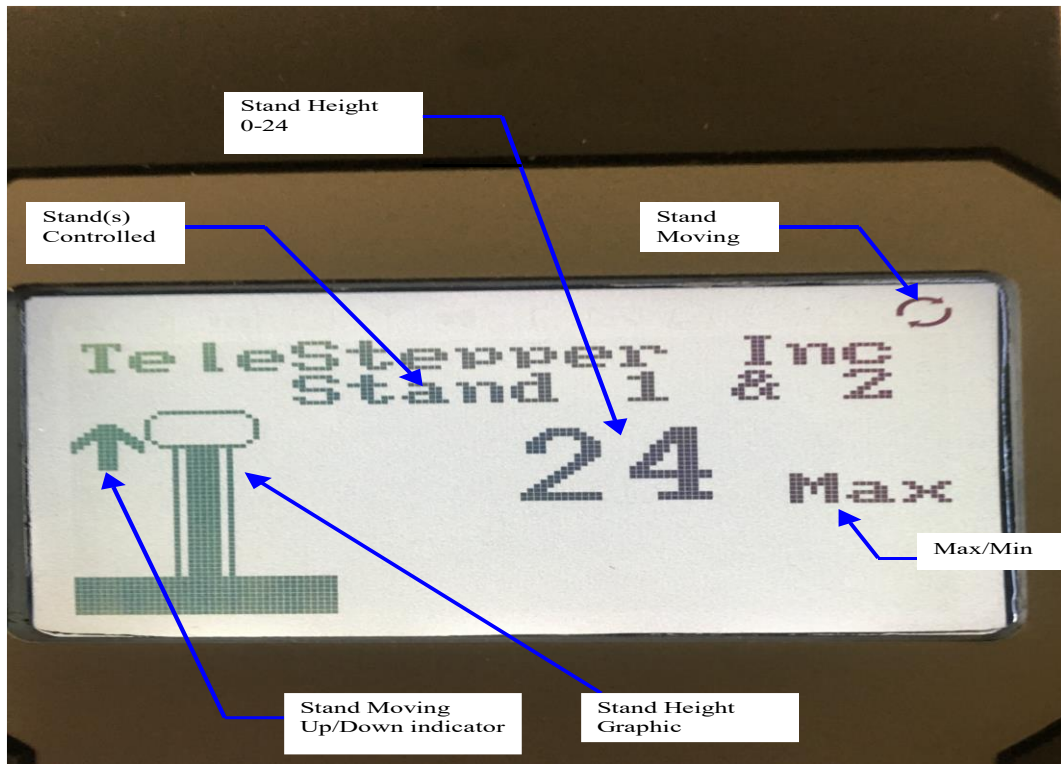
To set the Preset, first, ensure that the stand(s) are idle, then press and hold the button down for about 3 seconds, The button will blink, and “Preset A Set”, “Preset B Set” or “Preset C Set” respectively will be displayed on the bottom line of the LCD. Once the button is release, it will stay lit

Warning!
Do not attempt to set a preset while the stand(s) are moving. Doing so will result in an invalid preset position being set

Note, that the presets are stored non-volatile. That is, they will remain even after a power cycle. Also, each active stand or stands will have its own unique presets. That is, if Stand 1 and 2 are active, it will have a unique preset than if only Stand 1 is selected.

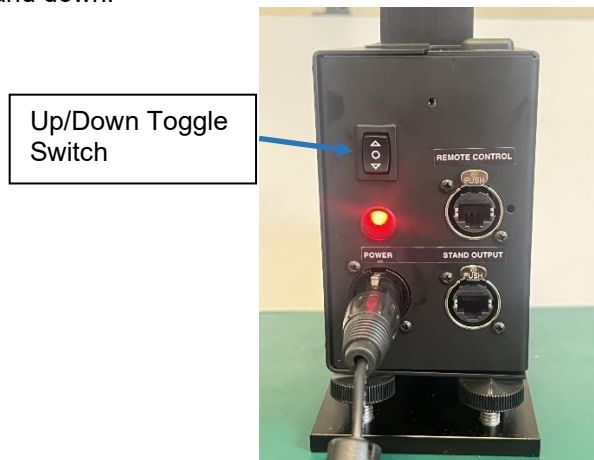
LCD Display

Section	Meaning
Stand Height	Stand height in 0 –24 increments. 0 = bottom position, 24 = top. Each increment is 1 inch from the bottom or 0 position
Stand Height Graphic	Graphical representation of stand height
Stand Moving arrow	Indicates that the Stand(s) are moving in either up or down
Stand Moving Up/Down	Indicates stand is currently moving Up or Down
Max/Min	Indicates that system ignored Up or Down key press because it is at limit
Stand(s) Controlled	Indicates which Stands currently being controlled by remote
Warning Indicator	System error has occurred, Triangle Icon at top of display
Error Message	Displays system error message at bottom of Display



Manual Up/Down Toggle switch

On each stand there is a manual Up/Down switch. If power is applied to the stands, it will move the stand up and down.



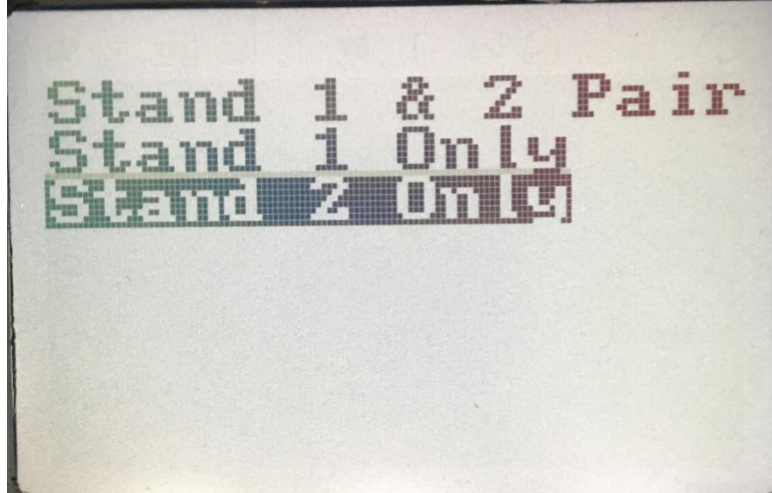
Note:

Under certain conditions, it is possible to raise the stand past the upper limit using this switch. This will result in a grinding sound. If this occurs, release the switch, but it will not damage the stand

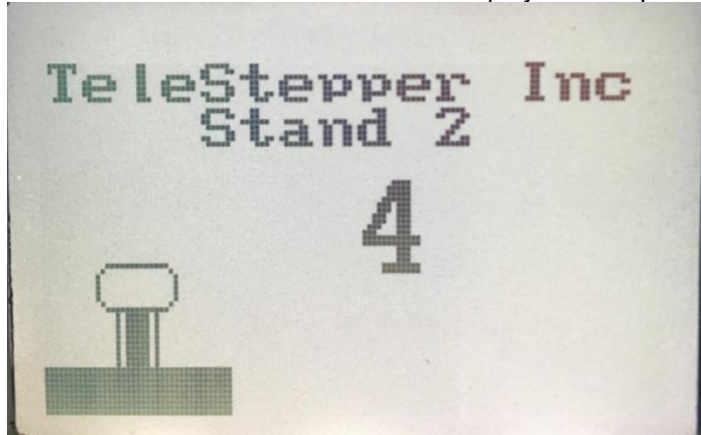
Controlling Individual Stands

The Remote-Control unit has the ability to Control up to 4 stands. Using the Presenter Tek Stand Controller software, up to 8 stands can be controlled. The description below is for a 2 stand system

- 1) Press Option Key, the following menu will be displayed
- 2) Use the Up or Down arrow keys to highlight desired option
- 3) Press Option key to select and exit



- 4) Stands Controlled section of the LCD display will be updated



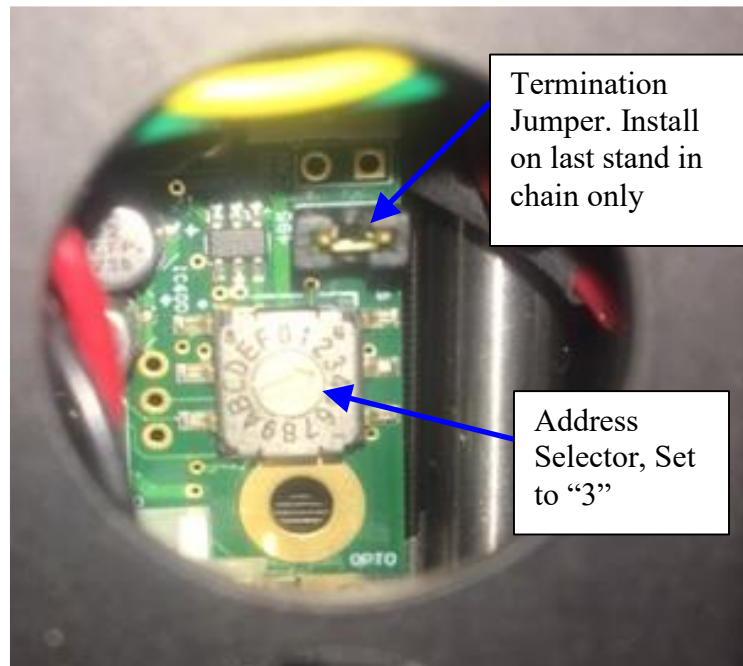
Note; When changing from individual stand operation to multiple stands, the Stand height displayed will be of the Stand 1, the second stand may be at different height. For example, Selecting Stand 2 and adjusting its height, then going back to Stand 1 and Stand 2 control, the current height of stand 1 will be displayed. Stand 2 may be at a different height

Cabling for more than 2 Stands

The Remote-Control unit has the ability to Control up to 4 stands. Using the PresenterTek Stand Controller software, up to 8 stands can be controlled. Software and an optional USB converter box are required for the Stand Controller Software

Note, there are two types of stands, referred to as Stand 1 and Stand 2, The Stand 1 has 2 RJ45/Ethernet connectors, a "Remote Control" connector in addition to the "Stand" connector. The "Remote Control" connector provides power to the Remote-Control unit. Slave stands only have the "Stand" connector and do not provide power to the Remote-Control unit

- 1) Set each stand's address switch and Termination Jumper
 - a. Remove plug on back of stand to expose the address switch and termination jumper
 - b. First stand in chain, set to address 1, remove termination jumper
 - c. Next stand, set to address 2, remove termination jumper
 - d. Next stand, set to address 3 and so on. Use sequential addressing, Address 1 for the first Stand, 2 for the second stand, 3 for the next and so on
 - e. Address is set using the rotary switch on the back of the stand. Remove the plug and turn the switch using a small screw driver. In the figure below, Stand is set to address of 3
 - f. Valid address switch settings are "1" through "8". Do not use any other address. One stand must always have Address 1
 - g. Install the termination jumper on the last stand in the chain, that is, the stand furthest from the Remote-Control unit, as shown below. Only the last stand should have this jumper. Remove if installed on any of the other stands. Remove using a pair of tweezers. For convenience, slide the jumper over its so its only attached to one post will keep it from getting lost.



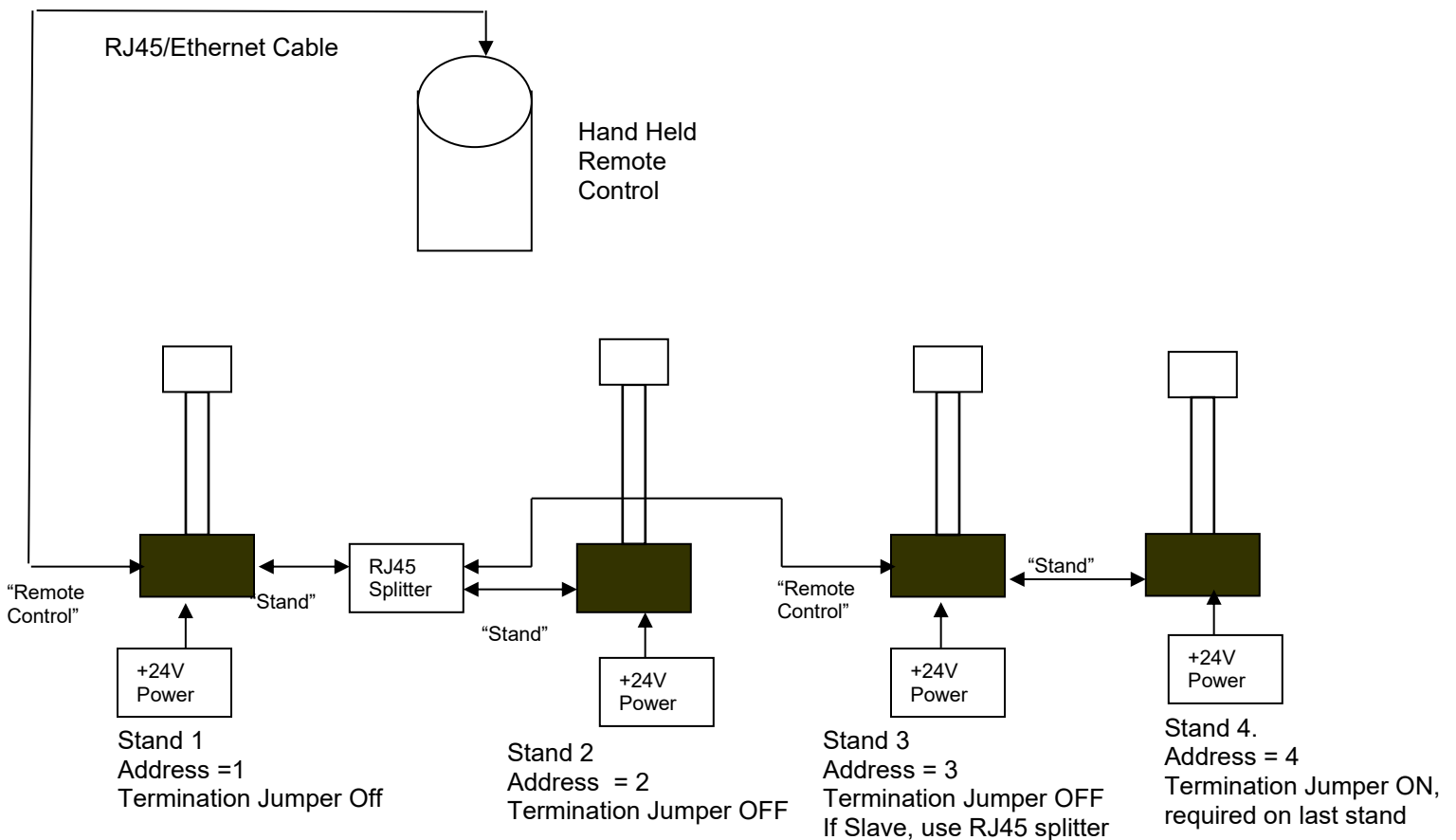
Stand Address set to 3, termination jumper installed

2) Using the Ethernet cables , wire the system as shown in the diagram below.

Important: DO NOT connect two Stands 1 “Remote Control” RJ45 outputs together . It must always go, as shown in the diagram below:

- Hand-held Remote Control to Stand’s 1 “Remote Control”
- Stand’s 1 “Stand” to RJ45 Splitter
- RJ45 Splitter Output 1 to Stand 2 “Stand” input
- RJ45 Splitter Output 2 to Stand 3 “Remote Control” input
- Stand 3’s “Stand” to Stand 4’s “Stand”, or RJ45 splitter if more than 4 stands are daisy-chained

Daisy-Chaining more than 2 Stands -- Cabling Diagram



- 3) Connect the 3 pin XLR to the ‘Power’ input for each stand and apply power. Check that the Red power light is on for each stand
- 4) Once the Stands are properly cabled and power applied. If all is cabled up correctly, the following should appear, for the 4-stand daisy chained, on the LCD display. The correct number of stands found will appear on the LCD display

“X Stand(s) Found”

Where X = 1 through 4, the number of stands connected

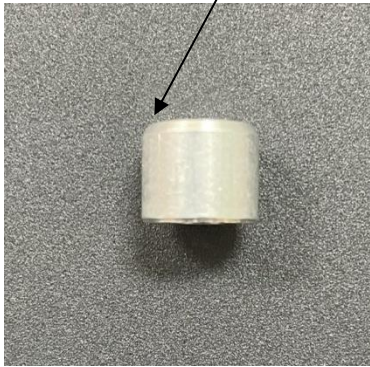
Demo Mode

To access a special Demo mode, where the stands automatically move up and down, stopping at each of the 24 positions, perform the following:

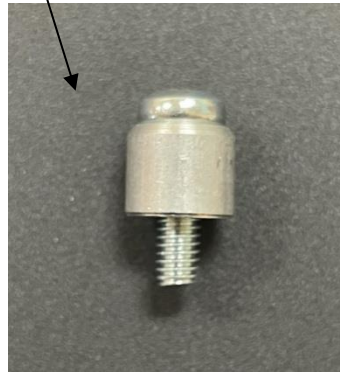
1. Cycle the power on Stand 1, or unplug the Remote
2. The LCD will display the normal boot up sequence
3. Once " X Stands Found " (where X = number of stands connected) appears on the display, press and hold the "OPTION" key
4. After all the Stands are done homing, A special Sub Menu will be displayed.
5. Use the "UP" or "DOWN" keys to select "On".
6. Press the "OPTION" key to select
7. To exit "Demo" mode, cycle the power on the Stand 1

Monitor - Baseplate Mounting Guide

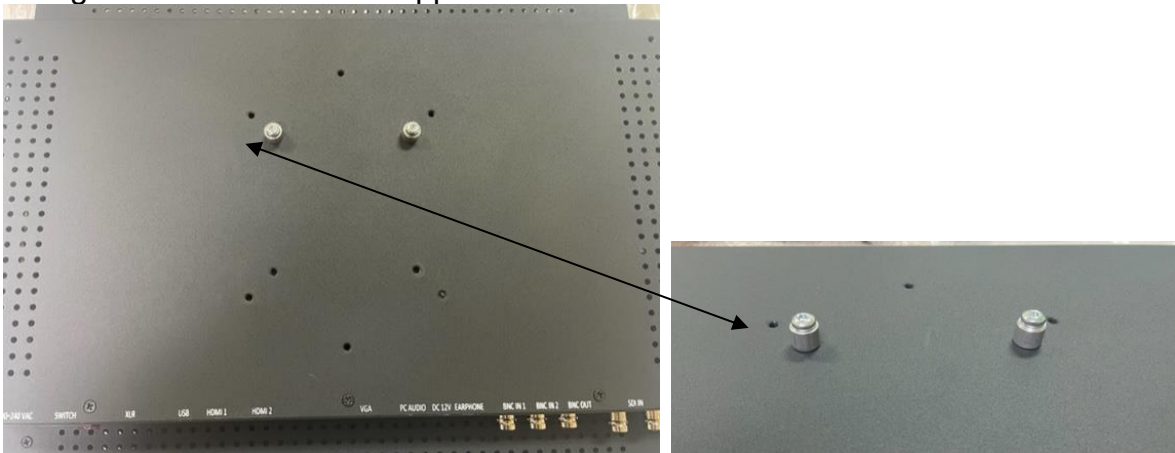
1. Note radiused side of spacer as shown.



2. Screw into radiused side of spacer as shown.



3. Note the 100mm VESA Pattern on Back of Monitor and install 2 ea. minimum Screw/Spacer assemblies as shown to 'top' two holes (closest to the Stands) using the T20 Torx Driver supplied.



4. Place Monitor on Baseplate, lining up the Screw/Spacer Assemblies with the holes provided in the Baseplate.

Shroud Set-Up Guide

Using the 4 thumbscrews provided, attach the shroud to the Telestepper stand enclosure in the locations shown below.

To create the oval, route the black wire thru the small holes at each end of the shroud and tie a knot in the wire to secure the oval in place around the monitor. Route wire under monitor.



Secure with 4 ea. thumbscrews provided



Insert wire thru holes at each end of shroud and tie knots to secure and create the oval with the shroud. Route wire underneath the monitor.