

NuTech Transporter Test Cylinder - Manual (.pdf version)

WHAT IS IT FOR

The Transporter Test Cylinder (TTC) is useful in role play or for testing Novatech compatible cargo transporters. If you don't have a Novatech unit (or it is turned off), you can move the cylinder using the "Transport" function on the test cylinder's menu. Cargo and objects can only be transported within the region and cannot be transported from one region to a different one.

FEATURES

- 1) Menu driven
- 2) On/Off control
- 3) When turned On, green & red lights have a pulsating & glowing effect with synchronized sound
- 4) Owner only or "Anyone" access modes
- 5) A computer voice informs you when the unit is turned on, turned off, logs are requested, or the access mode is changed
- 6) Volume control for all sounds
- 7) Has a Log function that displays (in chat) the time & position of the cylinder when it was first turned On, the current time & position, and how far it has moved since it was last turned on
- 8) Operator can Open or Close the TTC for maintenance purposes
- 8) Help note card
- 9) Generates random status & repair messages when the "Bulk Cargo" label is touched
- 10) Includes the Novatech "-- TNG TRANSPORTER KEY --" script so the TTC can be automatically transported by Novatech transporters (cargo option must be tuned on).

SIZE

Precisely 1.000 meters tall. Fits inside a cylinder with an inner diameter of 0.245 meter.

OPERATION

Using the TTC with a Novatech Transporter Pad

Rezz the Transporter Test Cylinder (TTC), place it on or near (within 10 m) a Novatech transporter pad, position it as needed, and then optionally turn the cylinder on with the menus (described below). Also, make sure the "Cargo" option on the Novatech transporter pad is installed and enabled. Then touch your transporter pad as normal and select the destination as usual. The TTC (being a type of cargo) will transport first. If you also wish to send people to the destination, they can touch the transporter beam(s) after the cargo leaves. Note: The TTC does not have to be turned on to be transported by a Novatech transporter pad.

Using the TTC without a Novatech Transporter Pad

If you don't have a Novatech cargo enabled transporter, it is turned off, or you want to use the TTC where no transporter pad is available, then you can use the "Transport" function on the TTC's menu. The TTC will provide its own beam-out & beam-in particle effects and sounds. When using the "Transport" menu function, the TTC must be turned on. After transporting the TTC somewhere you can return it back from where it came by using the "Go Back" menu item.

MENU

The test cylinder is simple to operate. Just touch the small orange/black MAIN control panel to bring up the menu. For your convenience, the menu dialog box shows you the current location of the test cylinder. From the menu you are able to select the following menu items:

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| On | Turns on the unit and records the cylinder's current position. A voice announces "On-line".
When on, the unit makes a humming sound that slowly changes volume up and down.
At the same time, the cylinder's green & red lights glow with an intensity that is synchronized to the sound. |
| Off | Turns the unit off. A voice announces "Off-line". |
| Transport | For users that don't have a Novatech transporter (or it is turned off), this button allows you to send the cylinder anywhere in the region.
This menu item brings up a text box where you can enter the desired position. When you submit the position, the cylinder fades out with a particle beaming effect & sound, moves to the new position, then fades in with a beaming effect & sound. |
| Go Back | When you don't have a Novatech transporter, you can use "Go Back" to transport the cylinder back to the position it had just BEFORE it executed the last "Transport" operation from the menu. |

Note 1: When you rezz the TTC it sets the "Go Back" position to where you rezzed it.

Note 2: When you turn the unit On, the "Go Back" position is reset to where the unit was when it was turned On.

Note 3: Does NOT send the TTC back to where it was before a Novatech transporter moves it. If you want it to do this you have two options. You can rezz the unit on the Novatech transporter pad or you can turn the unit Off then back On just before transporting it.

Note 4: You cannot use the "Transport" or "Go Back" functions if the TTC is Open for maintenance or is turned Off.

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| Access | Toggles between Owner only and Anyone modes (only the owner can set the Access mode). A voice announces what mode the unit is in. |
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Open	Opens the TTC for maintenance. One side panel rotates out of the way and an internal cylinder slides down to give you an nice view of the inside of the TTC.
Close	Closes TTC for normal operation
Volume	Lets you set the volume of all sounds from 0 (off) to 1.0 (full volume)
Help	Gives you this note card
Show Log	Shows the test cylinder's log data in chat. A voice announces "Logs Accessed". A typical chat log is shown below:

SAMPLE OF TEST LOG WHEN TTC IS OFF:

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**** TEST CYLINDER LOG DATA ****
Turned OFF: Sun 2016-01-24 20:17:38 PST
Time NOW: Sun 2016-01-24 20:17:54 PST
Position NOW: <118.916, 116.523, 3701.988>
OFF Position : <120.191, 115.124, 3701.000>
Since it was turned OFF:
  the cylinder moved in X: -1.275 m
  the cylinder moved in Y: 1.399 m
  the cylinder moved in Z: 0.988 m
  for a total distance of: 2.135 m.
**** END LOG ****

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SAMPLE OF TEST LOG WHEN TTC IS ON:

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**** TEST CYLINDER LOG DATA ****
Turned ON: Sun 2016-01-24 20:15:16 PST
Time NOW: Sun 2016-01-24 20:15:33 PST
Position NOW: <120.486, 117.500, 3700.388>
ON Position : <120.026, 115.000, 3701.000>
Since it was turned ON:
  the cylinder moved in X: 0.460 m
  the cylinder moved in Y: 2.500 m
  the cylinder moved in Z: -0.612 m
  for a total distance of: 2.615 m.
**** END LOG ****

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Note: The log records when and where the unit was turned on. It also shows the current time and where it is currently located. It also shows the distance between the "turn-on" location and the cylinder's current position. If you want to reset the log, just turn the cylinder OFF, then turn it back ON. The cylinder will then be ready to make another distance measurement starting at the current position. It doesn't matter whether you transport the cylinder with a Novatech

transporter, use the cylinder's "Transport" menu item, or even manually move the cylinder, the log will always tell you the how far the cylinder is from the "Turn-On" location.

RANDOM STATUS & REPAIR MESSAGES

When the red "Bulk Cargo" label is touched, the cylinder will generate random status & repair messages in chat. If the message shows something wrong, then you touch the label again to do "maintenance". Touching the cargo label has no real effect on the test cylinder, it is just a fun role play feature. Note that ONLY the person touching the cargo label will see these status & repair messages.

TAKE A RIDE

You can ride your TTC to its destination. Just right mouse click on it and select "Sit Here". You will now ride the TTC to its destination no matter how you transport it (Novatech, "Transport", or "Go Back").

NOVATECH INFORMATION

WHAT YOU NEED IN ORDER TO USE THE TEST CYLINDER WITH A NOVATECH TRANSPORTER

You need to have a Novatech compatible transporter with the cargo option enabled in the transporter's configuration file. Alternatively, you can enable/disable the cargo option by touching your transporter pad, selecting the -OPTIONS- menu and then clicking the Cargo menu item. The transporter will let you know via chat whether it is on or off. You can also see the Cargo on/off status whenever you select the -OPTIONS- menu.

The TTC contains a standard Novatech script that is currently called "-- TNG TRANSPORTER KEY --". Do not remove this script if want to transport the TTC with your Novatech transporter! If you are only transporting the TTC with the "Transport" menu item on the cylinder, you CAN remove the KEY script but it is not necessary to do so.

NOVATECH CARGO TRANSPORTER BASIC INFORMATION

Cargo gets transported relative to its position from the center of the transporter pad that it starts at. The cargo gets placed at the destination pad at the same relative position at the destination pad. If your transporter pads are at different rotation angles, the cargo will appear to have been rotated around the destination pad's center when it arrives.

EXAMPLE: Assume your starting pad is at a rotation of <0,0,0> and you put your cargo 2.0 meters north of the pad. For illustration purposes, assume your cargo also has an arrow on it that points East. Assume your destination pad is at a rotation of <0,0,90> (pad has been rotated

90° CCW when looking from the top). After transport, your cargo will be 2.0 meters West of the pad and its arrow will point North. It is just like you picked up your whole starting transporter pad with its cargo rigidly attached and rotated it all 90° in z.

NOTE 1: CARGO must be located within 10.000 m (total 3D distance) of a Novatech transporter pad to be transported by it.

NOTE 2: Cargo transporting only works within the sim that the transporter pad is located in. You cannot transport cargo to a different sim. If you try, your cargo may look like it was transported but it will simply disappear (de-rezz) and be lost.