

Build instructions for Echo Base Hallway Wall



General

To recreate the Echo Base hallway, you need this hallway wall. These hallways can be seen in the beginning of the movie *The Empire Strikes Back*. This is where Leia and Han have their discussion and there first sparks of affection.

Hallway Wall	Scale	Width (cm) (front)	Depth (cm)	Height (cm)
	1:6 (fits in a IKEA BESTA) 12 inch figures Hottoys	56.0	33.1	47.0
	1:12 6 inch figures Blackseries	28.0	16.6	23.5
	1:18 3.75 inch figures Hasbro/Kenner	18.7	11.0	15.7
	1:6 12 inch figures Hottoys	56.0	44.8	47.0
	1:12 6 inch figures Blackseries	28.0	22.4	23.5
	1:18 3.75 inch figures Hasbro/Kenner	18.7	14.9	15.7

You can use the following assets to complete this diorama.

Set	Image	Link
Small Crate		
1:6		https://www.cgtrader.com/3d-print-models/miniatures/sci-fi/star-wars-white-container-crate-1-6-scale
1:12		https://www.cgtrader.com/3d-print-models/miniatures/sci-fi/star-wars-container-crate-optimized-for-printing
1:18		https://www.cgtrader.com/3d-print-models/miniatures/sci-fi/star-wars-white-container-crate-1-18-scale
Echo Base crate		

1:6		https://www.cgtrader.com/3d-print-models/miniatures/sci-fi/star-wars-echo-base-crate-1-6-scale
1:12		https://www.cgtrader.com/3d-print-models/miniatures/sci-fi/star-wars-echo-base-crate-optimized-for-printing
1:18		https://www.cgtrader.com/3d-print-models/miniatures/sci-fi/star-wars-echo-base-crate-1-18-scale
Rebel Floor Panel		
1:6		https://www.cgtrader.com/free-3d-print-models/miniatures/sci-fi/star-wars-rebel-floor-panel-1-6-scale
1:12		https://www.cgtrader.com/free-3d-print-models/miniatures/sci-fi/star-wars-rebel-floor-panel
1:18		https://www.cgtrader.com/free-3d-print-models/miniatures/sci-fi/star-wars-rebel-floor-panel-1-18-scale

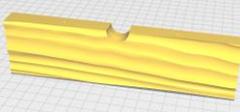
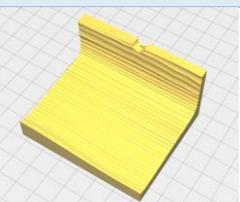
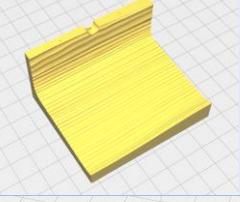
3D Printing

The next tables show the stl files you need to print. It gives the advised print layer height, and the material color. You can print the main parts in any color and paint them white for instance.

Each version has 3 different scales. Each file has 2 different formats.

Scale	Filename	Extension	
1:6	[FILENAME] 1-6.	.STL .OBJ	https://www.cgtrader.com/free-3d-print-models/miniatures/sci-fi/echo-base-set-2-hallway-1-6-scale-hottoys
1:12	[FILENAME] 1-12.	.STL .OBJ	https://www.cgtrader.com/free-3d-print-models/miniatures/sci-fi/echo-base-set-2-hallway-1-12-scale-blackseries
1:18	[FILENAME] 1-18.	.STL .OBJ	https://www.cgtrader.com/free-3d-print-models/miniatures/sci-fi/echo-base-set-2-hallway-1-6-scale-hottoys

You can use an open or closed door from the Tantive 4 door

Attributes	[FILENAME]	Remark	Print layers	Print material
	Ceiling_part_1	Only needed if the hallway is open on one side to extend the ceiling	0.08-0.04	PLA
	Wall01_left	Depending on the direction of the panels you can print the left or right side	0.08-0.04	PLA
	Wall01_right	Depending on the direction of the panels you can print the left or right side	0.08-0.04	PLA
	Lamp	Light holds hole for LED.	0.08-0.04	PLA/Resin

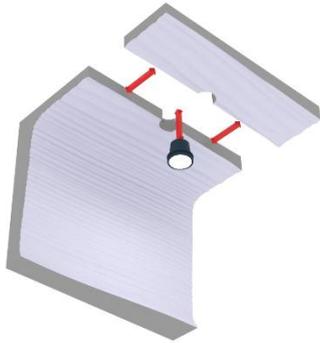
Cleaning

Before assembly, please clean the parts with an exacto knife, because they have been 3D printed with a brim.

After this sand the area's where you can see build layers. Use 400 sandpaper in the final step to smooth out the build layers. You can also use a filler primer to do this and sand afterwards.

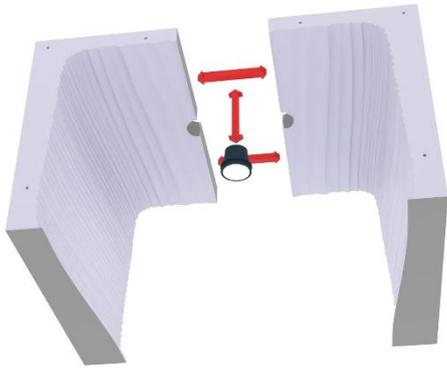
Assembly

Glue the parts using super glue for this kind of plastic (PLA). Use pins to connect the parts if there are holes for them to align the parts.

Wall	Action
	<p>Start with Wall01_right</p> <p>Then glue the Ceiling_part_1 to it. (if you want to use the left, you should mirror the Ceiling_part_1 before printing)</p> <p>This part is only needed if you do not want to have walls at both sides but an open hallway</p> <p>This part is not needed if you use it for a 1:6 scale IKEA BESTA setup.</p> <p>Then glue the lamp in the hole</p>
	<p>From the top you can place a white LED in the lamp. You can wire you wires to the hole in the wall to the back.</p>
	<p>You can place multiple walls next to each other. (Yes, there is a bit of overlap, like in the movie)</p>
	<p>Then add a floor. We did not add a floor, but you can just add a piece of plywood, You can add snow that is used in model train diorama's like this</p> <p>You can place crates (mentioned above) and floor panels on the floor</p> <p>You can paint Electrical wire white and chip it and place it on the wall as you like. You can also use Bass Guitar string to make corrugated pipes.</p>

Hallway both sides

Action



You can make a full hallway, walls on both sides, by connecting Wall01_right and left to each other. Also adding the lamp in the hole in the middle.



From the top you can place a white LED in the lamp. You can wire you wires to the hole in the wall to the back.



You can put multiple of these set next to each other, to create a full hallway.

Then add a floor. We did not add a floor, but you can just add a piece of plywood, You can add snow that is used in model train diorama's like [this](#)

You can place crates (mentioned above) and floor panels on the floor

You can paint Electrical wire white and chip it and place it on the wall as you like. You can also use Bass Guitar string to make corrugated pipes.

Painting

Part

Part name

Remark



Back wall

Paint it white, with a little bit of blue in there.

You can also add snow that is used in model train diorama's like [this](#)

Paint a dirty brown, orange, black line from the top of the wires to the bottom.

Pipes

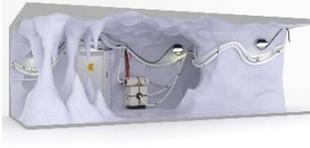
The pipes should be black, and have ice on it, so covered in snow, some places it still should show the black/gray parts

	Lamp	The Lamp should be dark blue
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End result



Other Echo Base sets

Set	Image	Link
Set 1 Echo Base Wampa Trap door		
1:6		https://www.cgtrader.com/3d-model-collections/death-star-wall-panel1-1-1-6-scale
1:12		https://www.cgtrader.com/3d-model-collections/death-star-wall-panel-1-1-12-scale
1:18		https://www.cgtrader.com/3d-model-collections/death-star-wall-panel-1-1-18-scale
Set 2 Echo Base Hallway		
1:6		https://www.cgtrader.com/3d-print-models/miniatures/sci-fi/echo-base-set-2-hallway-panels-1-6-scale-hottoys
1:12		https://www.cgtrader.com/3d-print-models/miniatures/sci-fi/echo-base-set-2-hallway-panels-1-12-scale-blackseries
1:18		https://www.cgtrader.com/3d-print-models/miniatures/sci-fi/echo-base-set-2-hallway-panels-1-18-scale-kenner-hasbro
Other Sets and items		
https://www.cgtrader.com/massassi		

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Disclaimer on 3D printed parts

3D Printed Parts are not like Injection Molded Parts. The surface will show extrusion rings, artifacts, blemishes and other signs of plastic extrusion. This will occur with any 3D Printed parts. Also due to the printing process, parts can have different tolerances from the original size in the digital file. Especially between FDM and SLA prints. This in no way deters from the parts functionality. All parts are inspected prior to shipment.

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<https://www.facebook.com/groups/massassiorder>

We hope you enjoy your model. If you encounter any problems, please let us know. We really like seeing your finished model, that is why we create these models.

Luke

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