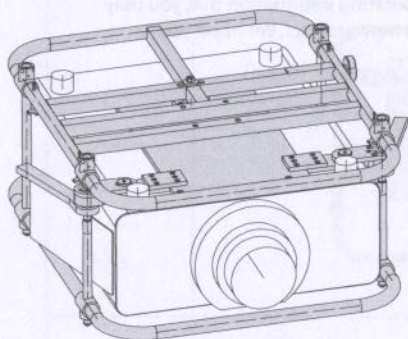


INSTALLATION MANUAL

ET-RFD21



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For Projectors:
PT-DZ21K / DS20K / DW17

Thank you for choosing the Projector Frame for Panasonic DLP® Based Projectors.

Only a qualified installer should install this product.

Read these instructions carefully before installing.

These installation instructions must always be handed over to the customer.

IMPORTANT SAFETY NOTICE

Dear Customer,

This instruction booklet provides you with all the necessary operating information that you may require. It will help you to get the best performance out of this new product. We hope you will be pleased with your Panasonic Projector Frame.

Model number: **ET-RFD21**

Precautions with regard to safety

WARNING

Installation work should only be carried out by a qualified technician.

- If this product is not installed correctly, serious accidents may result.

Do not place the projector on top of unstable surfaces.

- If the projector is placed on top of a surface which is sloped or unstable, it may fall down or tip over and injury or damage could result.

Suspended installations can only be made by using specially designated hanging accessories and under the following conditions:

- maximum 2 frames hanging when using the truss mount **TH-SHORTY-150-8**
- maximum 3 frames hanging when using the truss mount **Heavy Duty** with the special framing adapter **TH-AdapterPTDZ21R**

CAUTION

Do not install the frame in a place which may impede projector ventilation.

- If this is not observed, fire may result.

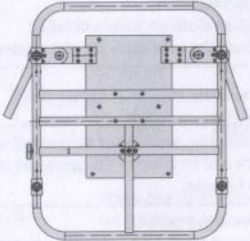

Do not set up the projector in humid or dusty places or in places where the projector may come into contact with oily smoke or steam.

- Using the projector under such conditions may result in fire, electric shocks or plastic deterioration.

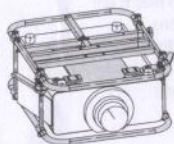
Minimum 2 people are required to install the frame.

-Please notice that the weight of one frame ET-RFD21 is 19kg (41,89lb.) and one projector PT-DZ21K is 43kg (94,79lb.) summing up to a total of 62kg (136,68lb.) For maximum safety, 2 people are required to perform any kind of installation.

PRODUCT DESCRIPTION

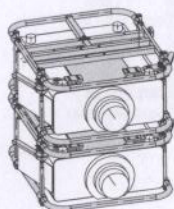
Parts name	Image/Drawing	Purpose
Frame		Used for projector installation.
Screws and washers	 <p>— Screws (M6x3) x 6</p> <p>— Flat washers (M6) x 12</p>	Used for securing the projector into the frame.

FINISHED ASSEMBLY DIAGRAM



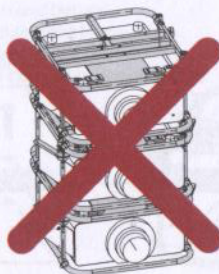
- Another separate frame is required for tandem assemblies.

FINISHED TANDEM ASSEMBLY



— Upper projector

— Lower projector

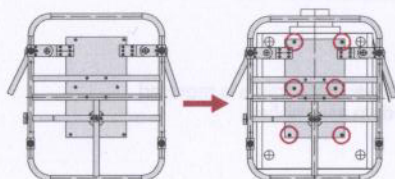


ASSEMBLY PROCEDURE

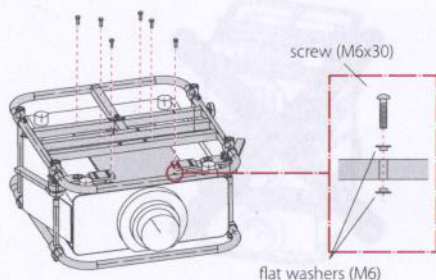
1. Preparation.	<ul style="list-style-type: none"> ● Prepare the tools. (1)Adjustable spanner or Allen key (2)Screwdriver (3)Soft cloth or other soft fabric ● Check the load capacity of the set-up location.
2. Check the unit.	<ul style="list-style-type: none"> ● Check the structural components.
3. Determine the setting-up position.	<ul style="list-style-type: none"> ● Select the position for the projectors based on the size and location of the screen as well as the lens (sold separately) to be used.
4. Install the projector(s).	<ul style="list-style-type: none"> ● Please see below. In case of tandem projection: Install the lower projector first, followed by the upper projector.
5. Carry out adjustments.	<ul style="list-style-type: none"> ● Adjust so that the image fits perfectly on the screen (see adjustment option, page 5). In case of tandem projection, adjust until images projected by the upper and lower projectors converge on the screen.

INSTALLING THE PROJECTOR

INSTALLATION PROCEDURE



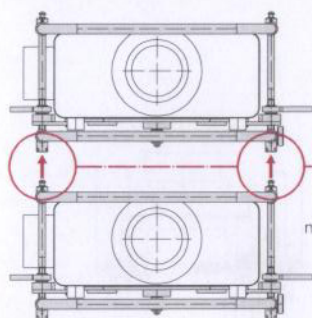
Place the frame on the projector so that it is aligned with the screw hole positions.
(Make sure that the forward/back direction is correct when installing. If the direction is reversed, the hole positions will not match up.)



Secure the projector to the frame using the six screws (M6x30) and the twelve flat washers (M6).

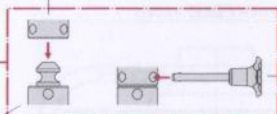
INSTALLING TANDEM PROJECTIONS

INSTALLATION PROCEDURE



female bolt

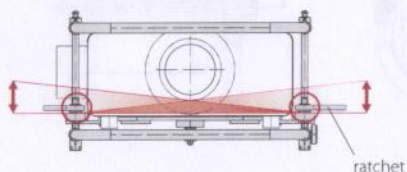
male bolt



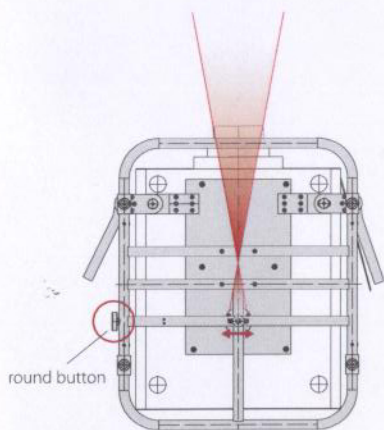
locking pin

Place the upper projector with frame on top of the lower projector also in frame. Make sure the four male location bolts enter into the correspondent female location bolts. To secure, draw the locking pin through both bolts.

ADJUSTMENT OPTIONS



Using the ratchet to the left and right you can adjust the position of the projector by approximately five degrees. You can lower or lift the front left or right corner.



By turning the round button, placed on the side of the frame, you can move the back of the projector, to the left or to the right by approximately five degrees.

DIMENSIONS

