GDC

QUICK START GUIDE FOR SX-3000 STANDALONE INTEGRATED MEDIA BLOCK™ WITH PORTABLE STORAGE
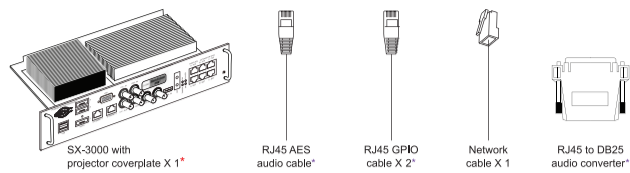
English version
SMS version 9.0
September 11, 2017

Powering your digital cinema experience   www.gdc-tech.com

Hong Kong • Beijing • Shenzhen • Jakarta • Singapore • Tokyo • Los Angeles • Lima • Mexico City • São Paulo • Barcelona • Dubai • Mumbai
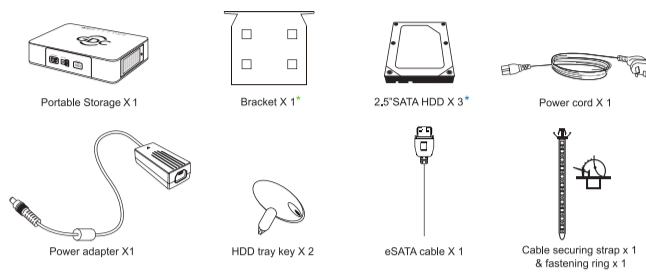

STEP 1 Packing list

This section provides a suggested installation configuration of GDC SX-3000 and Portable Storage for reference. Please contact our sales representatives to specify the accessory needed for the installation.
1. Remove the packaging from the box.
2. Check the contents of the box. The contents may vary by country/ region. Refer to the packaging for the actual contents.
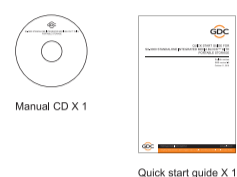
SX-3000 Standalone Integrated Media Block™

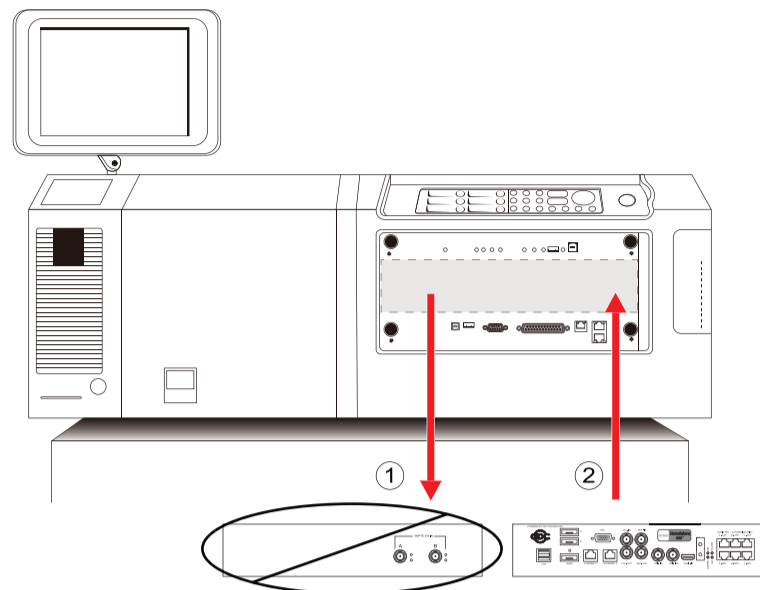SX-3000 with projector coverplate X 1*
RJ45 AES audio cable*
RJ45 GPIO cable X 2*
Network cable X 1
RJ45 to DB25 audio converter*

Portable Storage

Portable Storage X 1
Bracket X 1*
2.5"SATA HDD X 3*
Power cord X 1

Power adapter X1
HDD tray key X 2
eSATA cable X 1
Cable securing strap x 1 & fastening ring x 1

Technical Document

Manual CD X 1
Quick start guide X 1

* The type of coverplate depends on projector model.
* The type and number of bracket(s) may vary by shipment.
* The number of HDD is subject to change without notice due to ongoing product development and improvement.
* Subject to actual configuration. Please specify with our sales representatives.
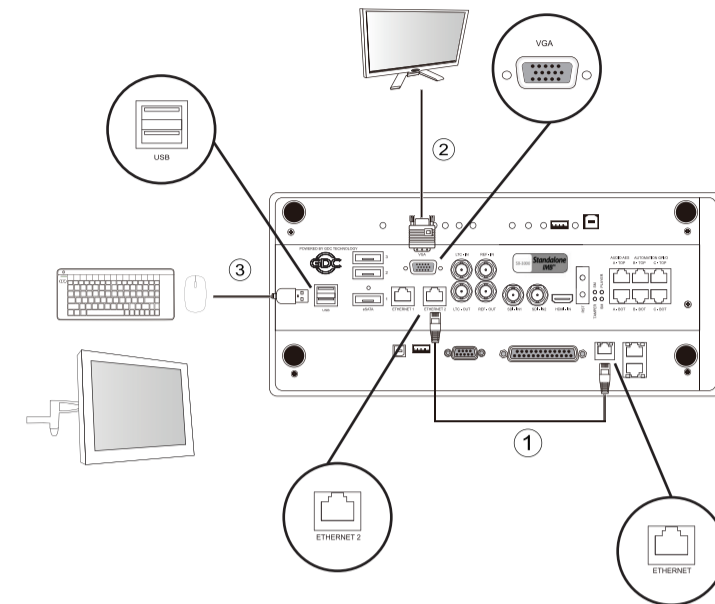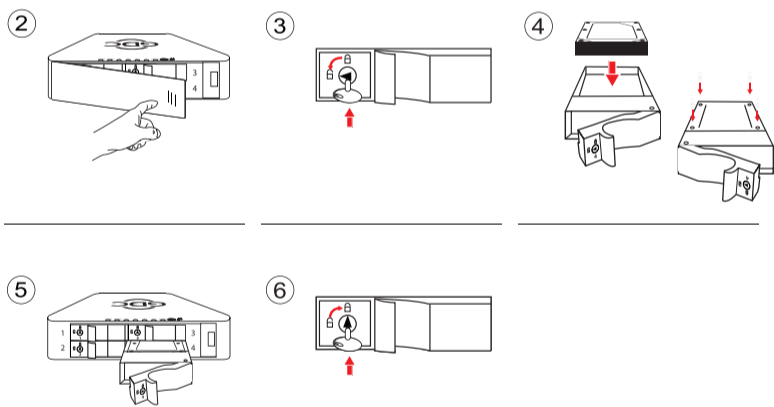
— page 2 —

STEP 2 Installing SX-3000

1. Remove existing interface board/ placeholders from projector. (the location of board/ placeholders are different for each projector)

2. Install the SX-3000 into the projector. Please refer to Section 2 of SX-3000 with Portable Storage/ Enterprise Storage installation manual for installing SX-3000 into different projector models.

— page 3 —

STEP 3 Projector network

1. Connect the provided Cat-5e LAN cable from the SX-3000 Ethernet 2 port to the projector's Ethernet port.

2. Connect an external monitor to the front VGA connection of the SX-3000.

3. Connect keyboard and mouse or touch panel control (TPC) to the USB connection of the SX-3000.

— page 4 —

STEP 4 Installing external RAID unit of Portable Storage

1. Ensure that the Portable Storage is powered off before installing the hard disk drives.
2. Push the lid to open the front door.
3. Unlock the HDD tray handle with the provided key (Rotate 90 degree anti-clockwise), and pull out the HDD tray from the Portable Storage.
4. Put the 2.5" HDD onto the HDD tray, tighten 4 screws on the bottom of the HDD tray to fix the HDD.
5. Insert the HDD tray with 2.5" HDD installed into the Portable Storage. Push the tray handle to fully insert the HDD tray, and close the tray door.
6. Lock the HDD tray with the provided key (Rotate 90 degree clockwise)

Caution:
1. Please gently push the door when closing to avoid damaging components.
2. The HDD must be installed on the HDD tray, before inserting the tray into the Portable Storage.
3. The HDD labels should be facing up and the connector should be facing down when installing the HDD onto the HDD tray.
4. Do not force the HDD tray into the housing if you think it is installed incorrectly. This may damage the Portable Storage.
5. Do not take out the HDDs during operation.
6. During operation, the temperature of the HDD tray may exceed 50ºC. Please take care when handling hot drives.
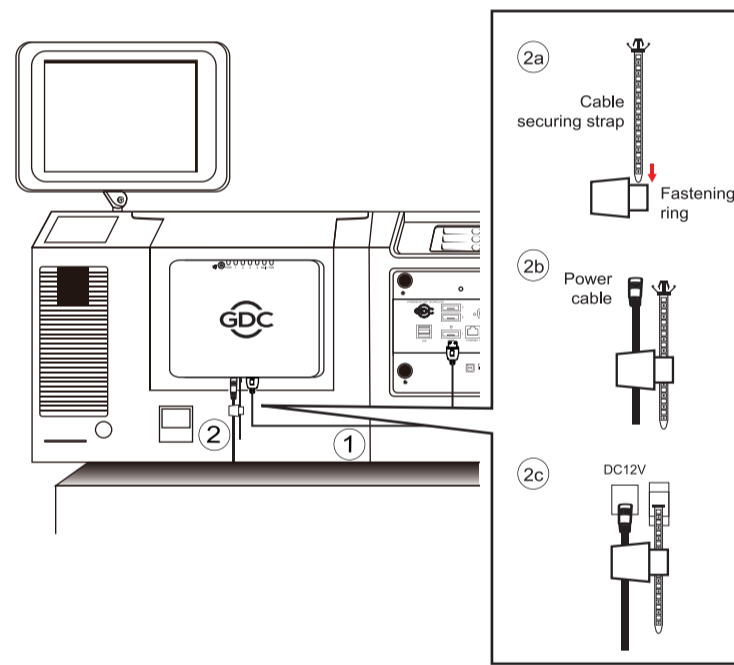

— page 5 —

STEP 5 Installing Portable Storage onto the projector

The installation procedure of
Portable Storage
onto the projector is different
depending on the projector model.

Please refer to
**Appendix Installation Procedure
for Bracket of Portable Storage**
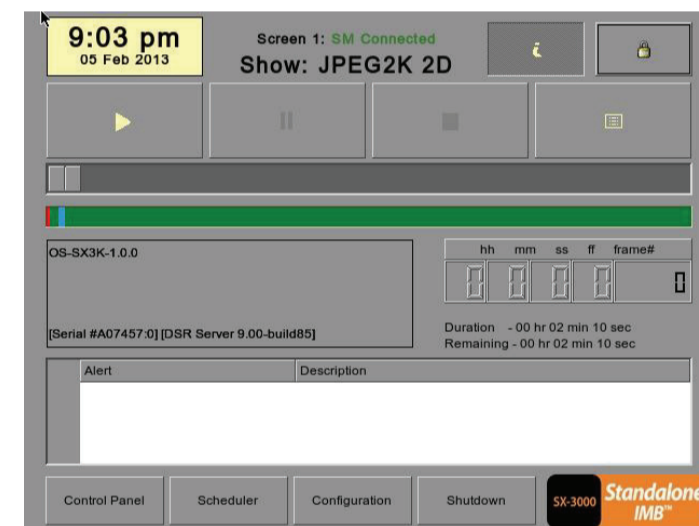for details.

— page 6 —

STEP 6 Connecting drive bay of Portable Storage to SX-3000

1. Connect the eSATA port on the back of the Portable Storage to the eSATA port 1 on the SX-3000.
2. Connect the provided power supply (12V) to a power source and to the back of the Portable Storage. To better secure the power cable, follow the steps below.
2a. Insert the cable securing strap into the fastening ring.
2b. Use the fastening ring to clip the power cable.
2c. Insert the cable securing strap into the port next to DC12V port, and insert the power cable into DC12V port.
3. Power on the Portable Storage with the switch next to the power plug. Then power on the projector with SX-3000 before moving on to Step 7.

Cable securing strap
Fastening ring
Power cable
DC12V

— page 7 —

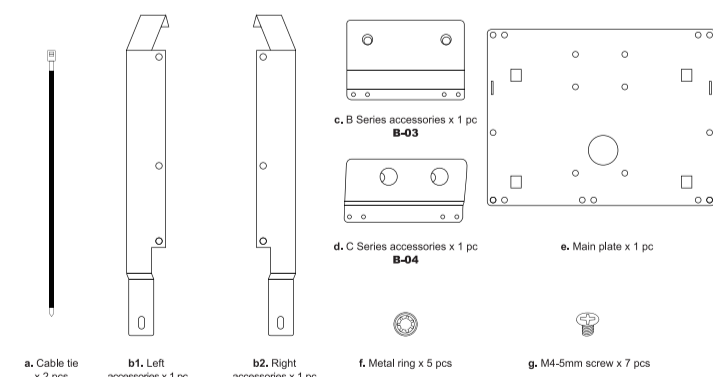## STEP 7 Operating the SX-3000 with the Portable Storage

You can now start to use the SX-3000 and Portable Storage by accessing the SMS interface.
For details, please refer to SX-3000 with Portable Storage/ Enterprise Storage user manual.

— page 8 —

APPENDIX Installation Procedure for Bracket of Portable Storage
Barco B & C Series and DP2K-10S (S2K Series)
Bracket 1. M1000-B

Parts List

a. Cable tie x 2 pcs
b1. Left accessories x 1 pc **B-01**
b2. Right accessories x 1 pc **B-02**
c. B Series accessories x 1 pc **B-03**
d. C Series accessories x 1 pc **B-04**
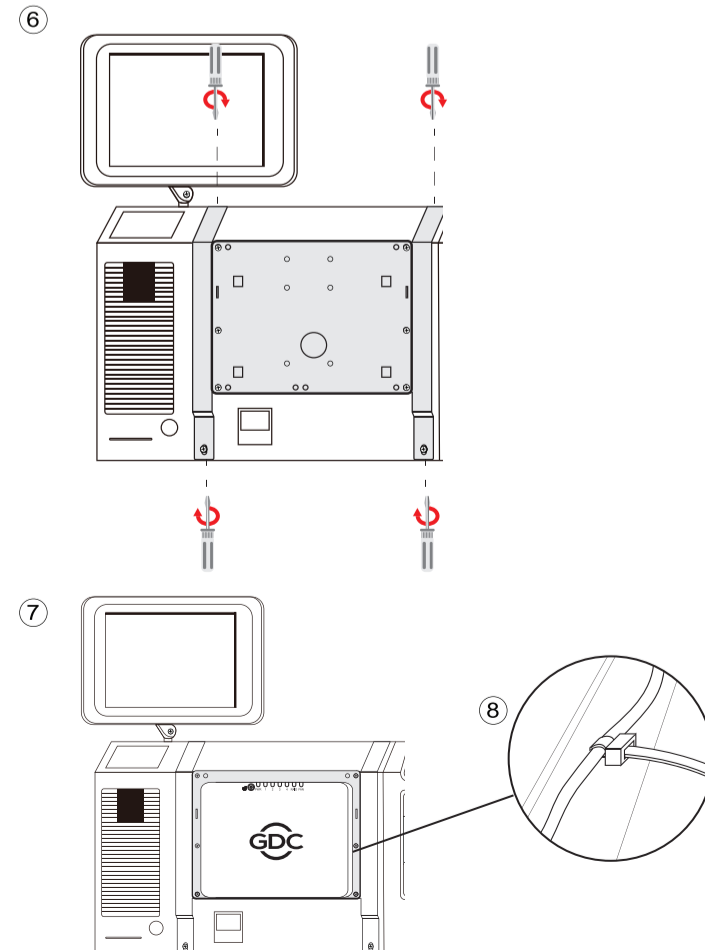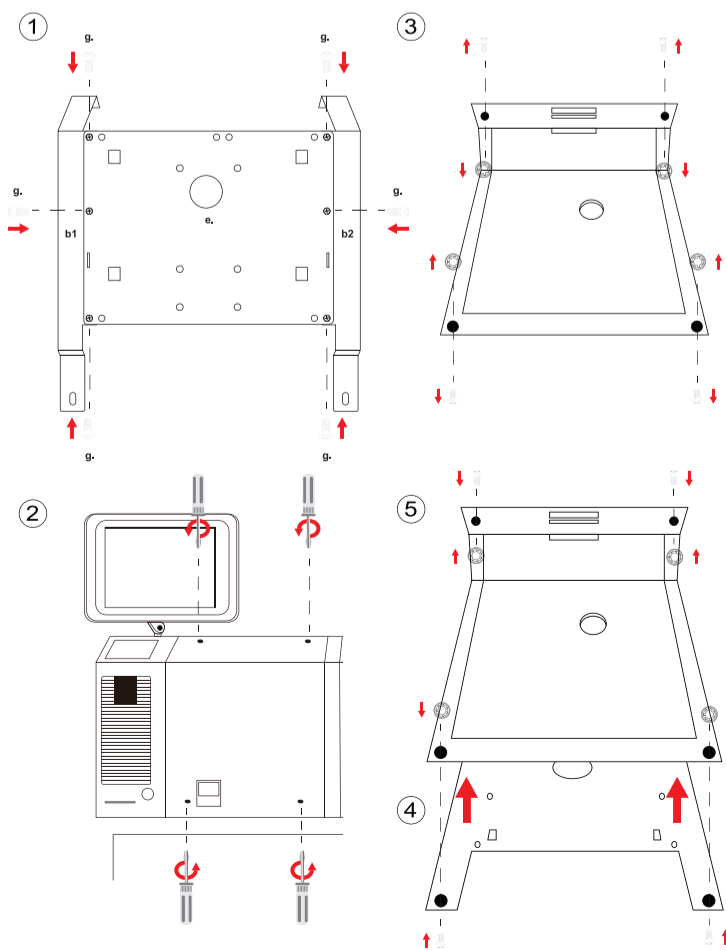e. Main plate x 1 pc
f. Metal ring x 5 pcs
g. M4-5mm screw x 7 pcs

For Barco DP2K-10S (S2K Series) Projector
Mounting Location: Side of the Projector

Installation Procedure
1. Install parts "b1" and "b2" onto the Main Plate by putting "g" screws into six screw holes at the two sides.
2. Loosen the four screws on the projector in order to take off the side cover.
3. Cut and remove the original metal rings from the screws and remove each screw from their hole.
4. Place the bracket onto the side cover.
5. Put the four screws back into the side cover and attach the new metal rings onto the screws.
6. Install the side cover back onto the projector and tighten the four screws.
7. Insert the Portable Storage onto the bracket.
8. Lastly, use the cable tie to secure the DC power cord on the right hand side of bracket.
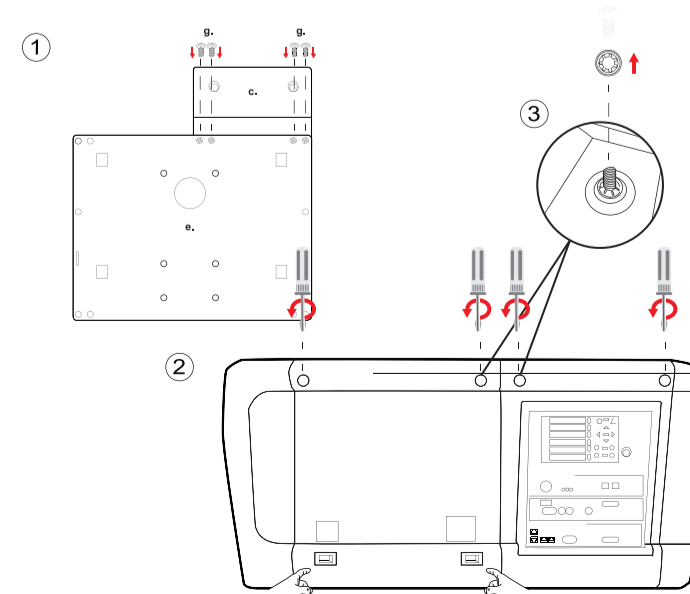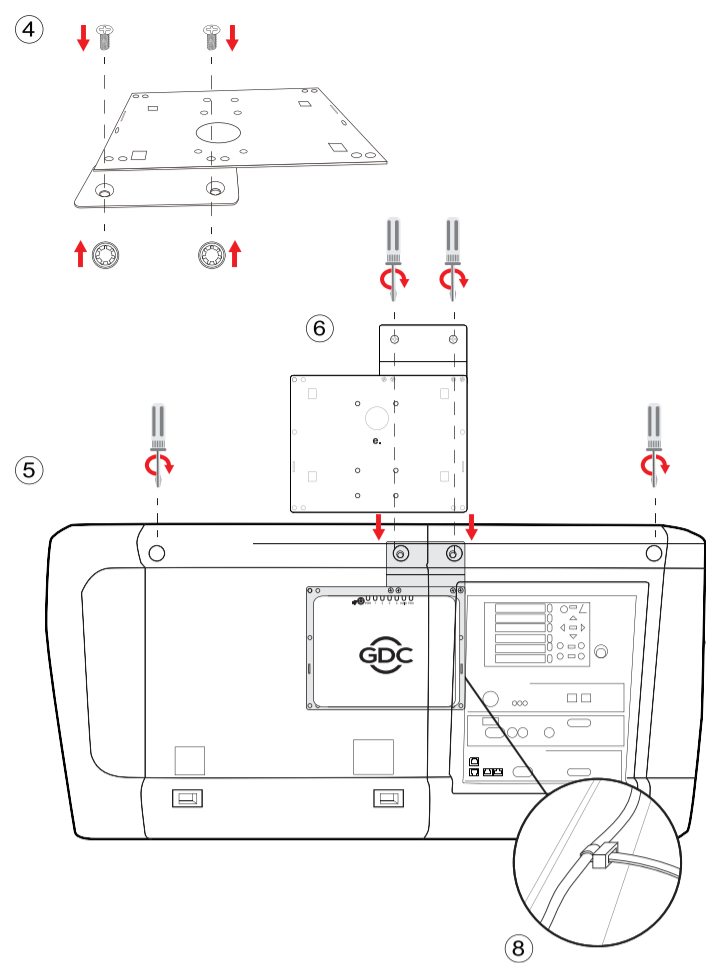
— page 9 —

— page 10 —

— page 11 —

For Barco B Series Projector
Mounting Location: Side of the Projector

Installation Procedure
1. Install part "c" onto the Main Plate by putting "g" screws to the four screw holes at top right corners.
2. Loosen the four screws on the side of projector. Slide the lock on the bottom of the left side cover in order to uninstall and then take out the right hand side cover also.
3. Turn to the inside of the side cover. Cut and remove the metal rings from the screws. Take out the screws from the side cover.
4. Insert the screws into the bracket and attach the new metal ring on the back side of the screws.
5. Install the side cover back to the projector and tighten the two screws.
6. Put the bracket onto the side cover. Align the screw holes and tighten the two screws.
7. Insert the Portable Storage onto the bracket.
8. Lastly, use the cable tie to secure the DC power cord on the right hand side of bracket.
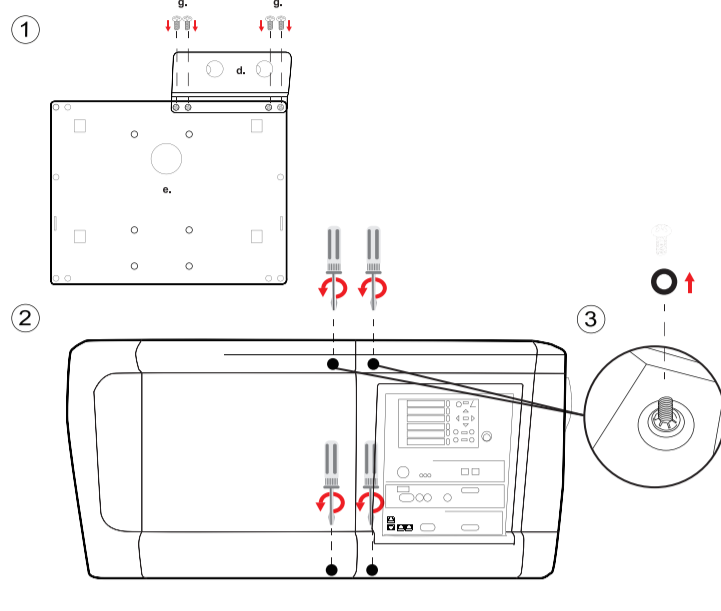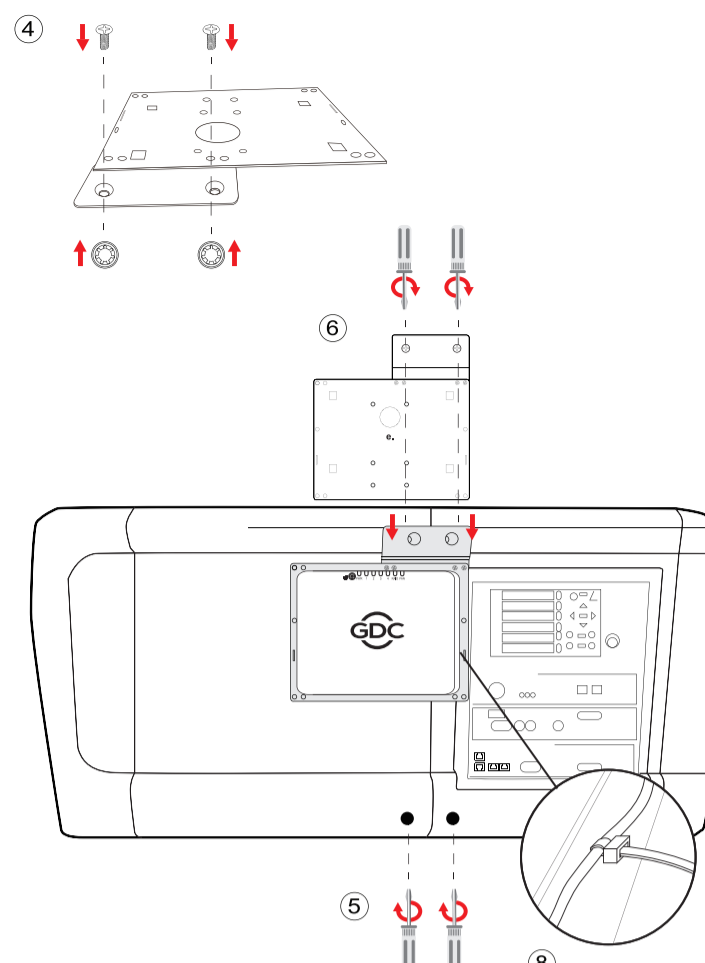

— page 12 —

For Barco C Series Projector
Mounting Location: Side of the Projector

Installation Procedure
1. Install part "d" onto the Main Plate by putting "g" screws into the four screw holes at top right corners.
2. Loosen the four screws on the side of projector and uninstall the side cover.
3. Turn to the inside of the side cover and remove the metal or plastic rings on the screws. Take out the screws from the side cover.
4. Insert the screws into the bracket and attach the new metal rings on the back side of the screws.
5. Install the side cover back to the projector and tighten the two screws.
6. Put the bracket onto the side cover. Align the screw holes and tighten the two screws.
7. Insert the Portable Storage onto the bracket.
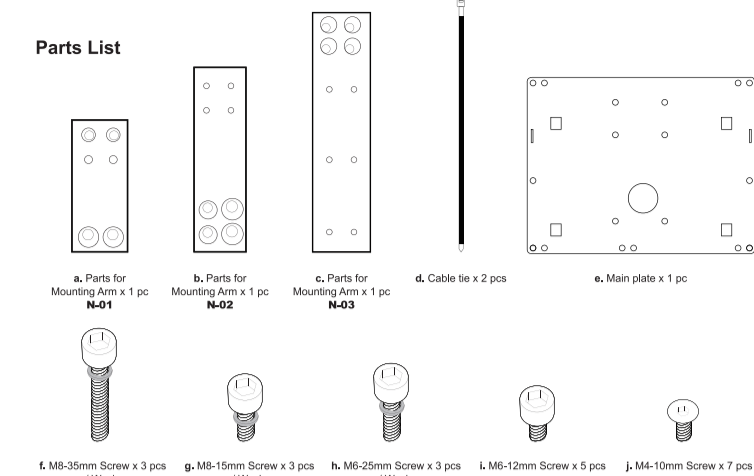8. Lastly, use the cable tie to secure the DC power cord on the right hand side of bracket.

NEC 2K & 4K Projector
Bracket 2. M1000-N
Mounting Location: Front Side of the Projector

Parts List

a. Parts for Mounting Arm x 1 pc N-01	b. Parts for Mounting Arm x 1 pc N-02	c. Parts for Mounting Arm x 1 pc N-03	d. Cable tie x 2 pcs	e. Main plate x 1 pc

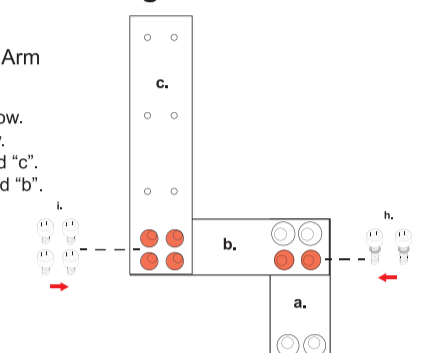| f. M8-35mm Screw x 3 pcs w/ Washer	g. M8-15mm Screw x 3 pcs w/ Washer	h. M6-25mm Screw x 3 pcs w/ Washer	i. M6-12mm Screw x 5 pcs	j. M4-10mm Screw x 7 pcs

Install Bracket of Portable Storage on NEC 2K/ 4K Projector
A. Assemble for the Mounting Arm

Installation Procedure
1. Set the parts "a" and "b" as below.
2. Set the parts "c" on "b" as below.
3. Use four "i" screws to fix "b" and "c".
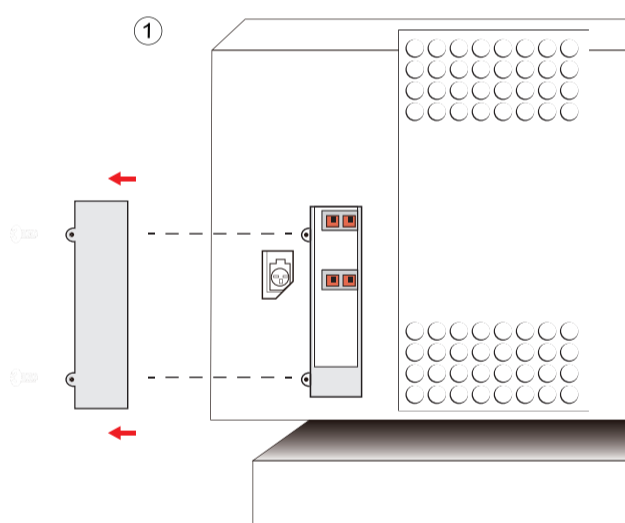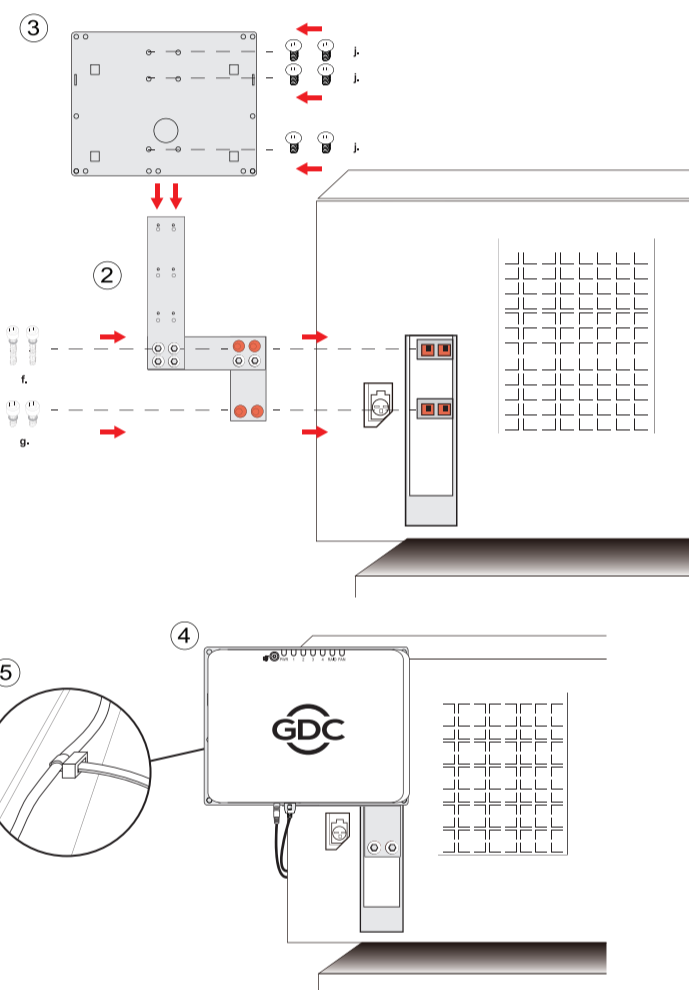4. Use two "h" screws to fix "a" and "b".

— page 13 —   — page 14 —   — page 15 —   — page 16 —

B. Install the Bracket onto the Projector

Installation Procedure
1. Loosen the screws and open the small cover in the front side of projector.
2. Put the mounting arm onto the projector. Align the screw holes with the projector and tighten with two "f" and "g" screws respectively.
3. Install the two parts of the bracket. Align the screw holes and tighten with six "j" screws.
4. Insert the Portable Storage onto the bracket.
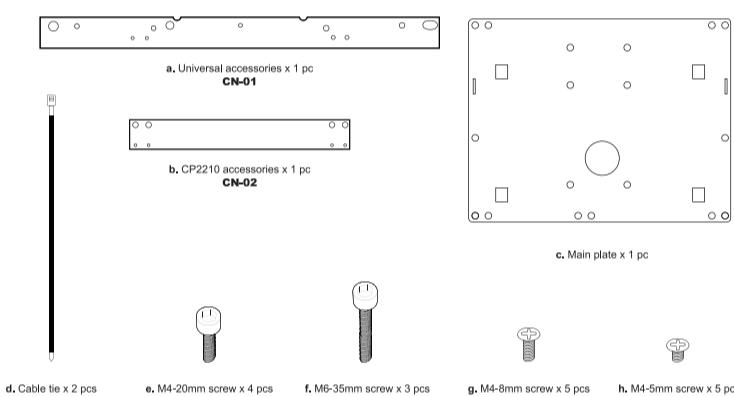5. Lastly, use the cable tie to secure the DC power cord on the left hand side of bracket.

NEC NC900C (S2K Series) and Christie CP2210, CP2220 & CP2230
Bracket 3. M1000-CN

Parts List

a. Universal accessories x 1 pc CN-01

b. CP2210 accessories x 1 pc CN-02

c. Main plate x 1 pc

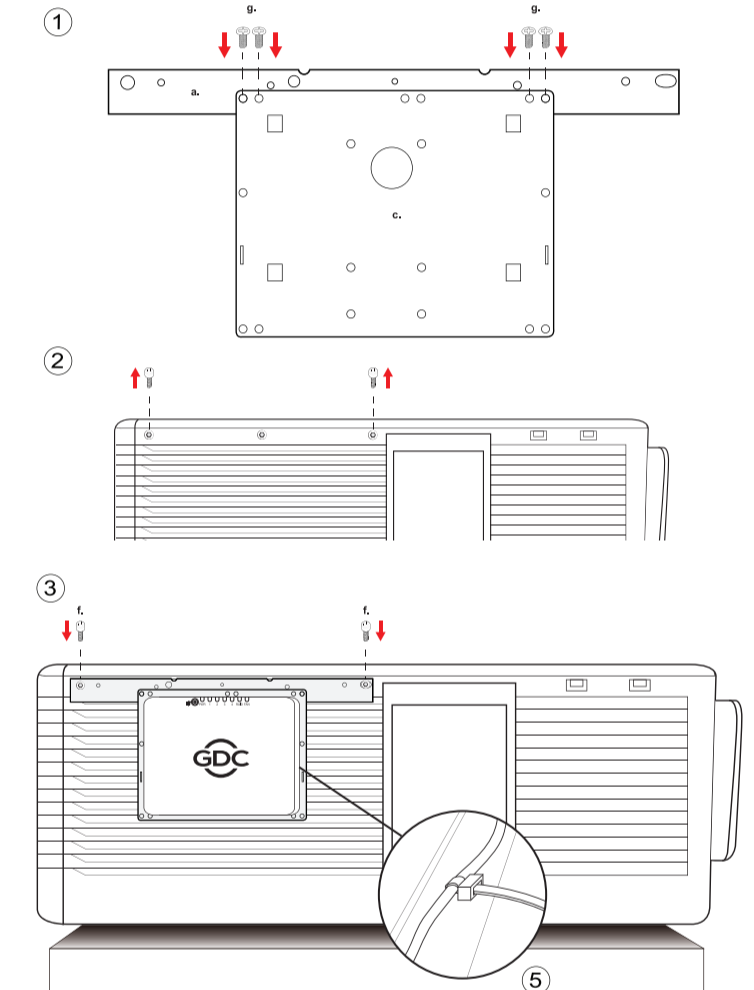| d. Cable tie x 2 pcs	e. M4-20mm screw x 4 pcs	f. M8-35mm screw x 3 pcs	g. M4-8mm screw x 5 pcs	h. M4-5mm screw x 5 pcs

For Christie CP2220 & CP2230 Projector
Mounting Location: Side of the Projector

Installation Procedure
1. Install the Main Plate onto part "a" by putting "g" screws into "M1" screw holes.
2. Remove the two screws on side of the projector.
3. Place the bracket onto the projector and align the screw holes. Fix it onto the projector with two "f" screws by using "B" screw holes in side A of part "a".
4. Insert the Portable Storage onto the bracket.
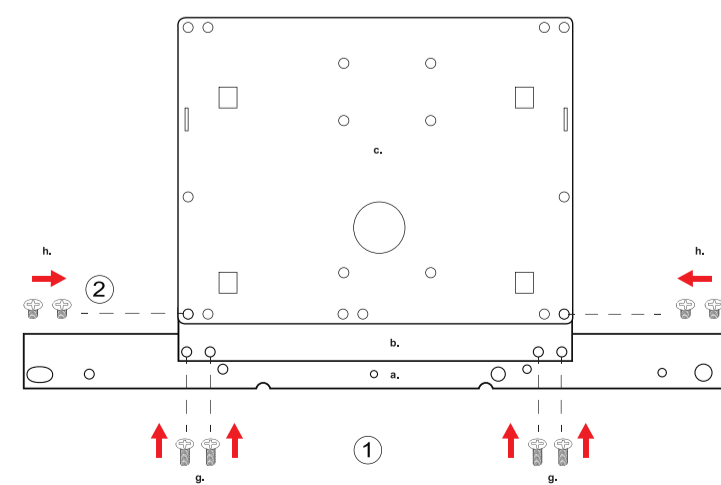5. Lastly, use the cable tie to secure the DC power cord on the right hand side of bracket.

— page 17 —   — page 18 —   — page 19 —   — page 20 —
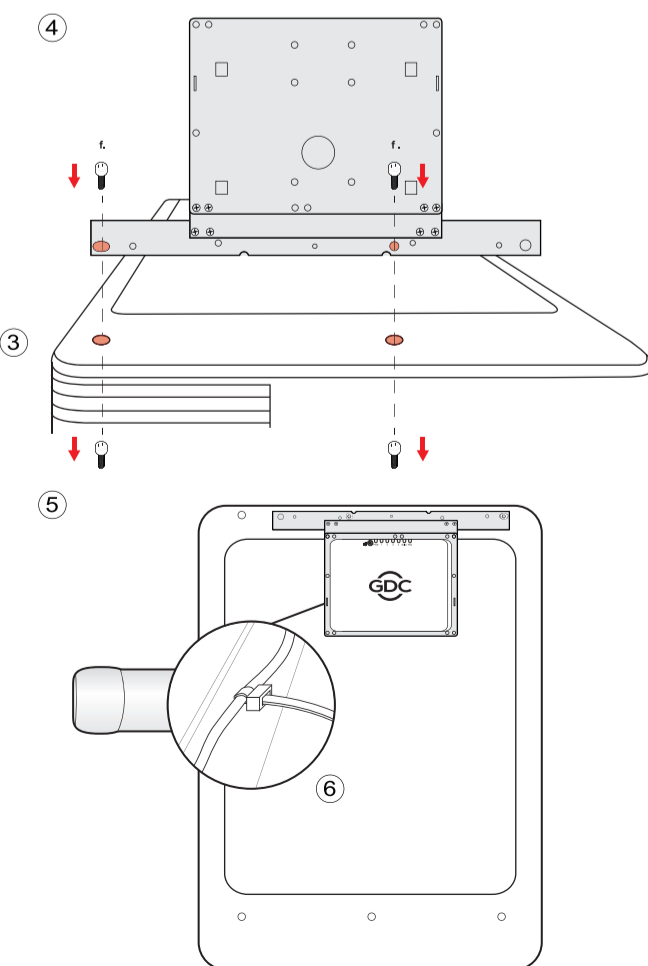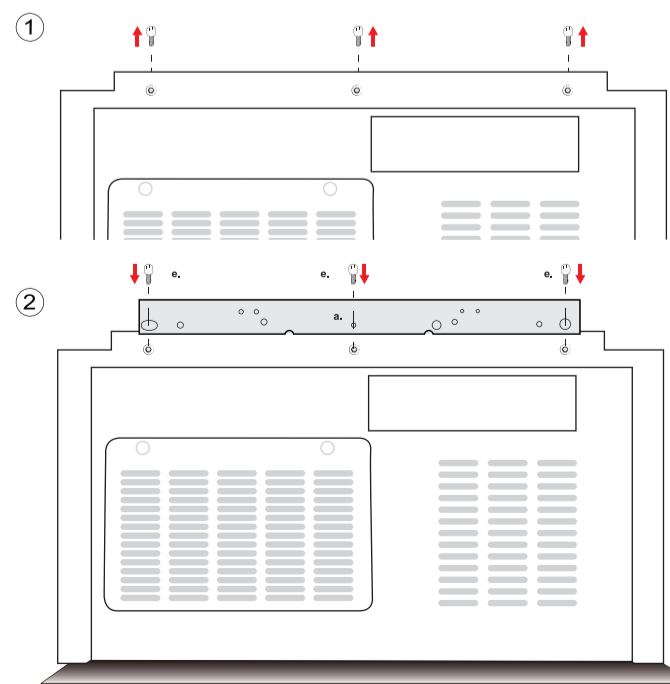

For Christie CP2210 Projector
Mounting Location: Top Side of the Projector

Installation Procedure
1. Install part "b" onto part "a" by putting "g" screws into "M1" screw holes in side A of part "a".
2. Connect the Main Plate with the metal bar assembly by using the four "h" screws.
3. Remove the two screws on top of the projector.
4. Put the bracket onto the projector and align the screw holes. Fix it onto the projector with two "f" screws by using "A" screw holes on side A of part "a".
5. Insert the Portable Storage onto the bracket.
6. Lastly, use the cable tie to secure the DC power cord on the right hand side of bracket.
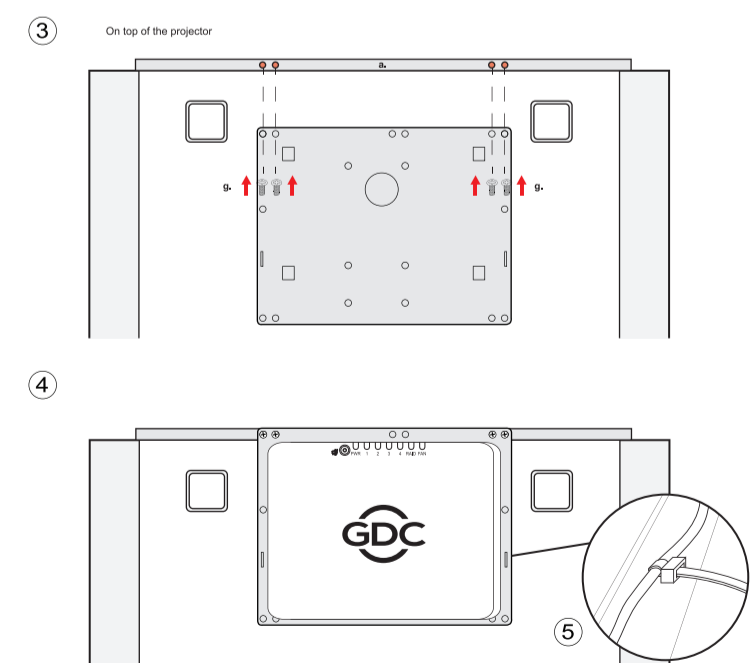
For NEC NC900C (S2K Series) Projector
Mounting Location: Top Side of the Projector

Installation Procedure
1. Remove the three screws located on the back side of the projector.
2. Install part "a" on the projector and tighten the screws "e" by using "C1" screw holes in side A of part "a".
3. Put part "c" on top of the projector and fix it on part "a" by putting "g" screws into "M2" screw holes in side B of part "a".
4. Insert the Portable Storage onto the bracket.
5. Lastly, use the cable tie to secure the DC power cord on the right hand side of bracket.

— page 21 —   — page 22 —   — page 23 —   — page 24 —