

Rack Mounting

1

Rack Mount

Unpack and mount your BlackStorm Server Breakout Panel at the back of a 19" wide equipment rack above or below the BlackStorm Server.

Video Out & Reference

2

2 Channel Video Output

a Fasten the small connector of a 1.0/2.3-to-BNC adapter cable to the **OUT 1** Mini-Din on the server. Fasten the large connector of the adapter cable to the rear of the **VIDEO 1** BNC connector on the Breakout Panel.

b Fasten the small connector of an adapter cable to the **OUT 2** Mini-Din on the server. Fasten the large connector of the adapter cable to the rear of the **VIDEO 2** BNC connector on the Breakout Panel.

For information about cabling your breakout panel to a 4 channel BlackStorm Server, refer to the reverse side of this page.

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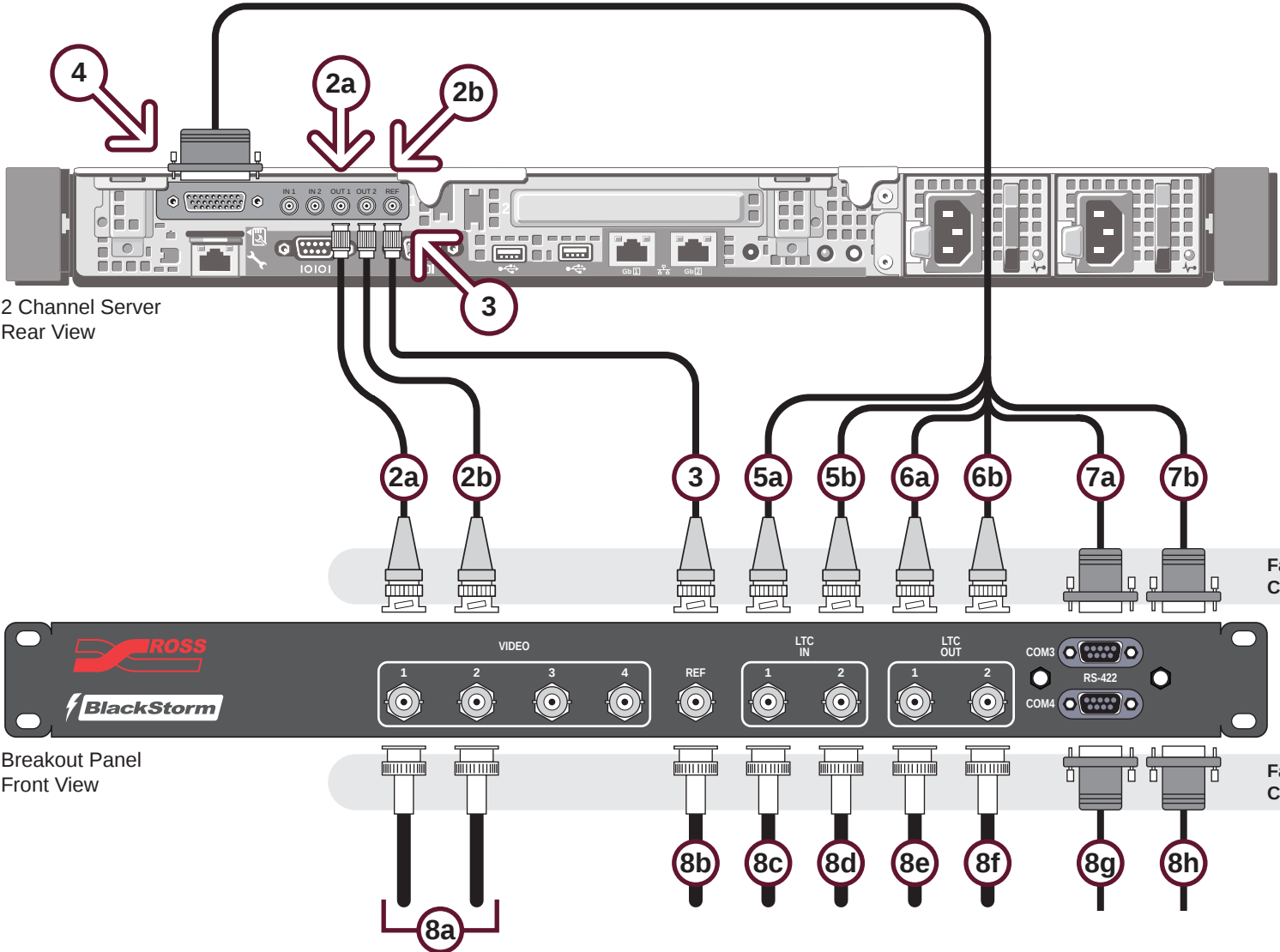
Reference

Fasten the small connector of a 1.0/2.3-to-BNC adapter cable to the **REF** Mini-Din on the server. Fasten the large connector of the adapter cable to the rear of the **REF** BNC connector on the Breakout Panel.

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Need Help?

Technical Support: (+1) 613 • 652 • 4886
techsupport@rossvideo.com



Bulkhead Connections

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Front Connectors

a Connect your **Video Output** cables to the **VIDEO** BNC connectors on the Breakout Panel as follows:
Channel 1 → VIDEO 1
Channel 2 → VIDEO 2

b Connect your house reference GenLock signal to the **REF** BNC on the Breakout Panel.

c Connect your linear time code input cable for channel 1 to the **LTC 1 IN** BNC on the Breakout Panel.

d Connect your linear time code input cable for channel 2 to the **LTC 2 IN** BNC on the Breakout Panel.

e Connect your linear time code output cable for channel 1 to the **LTC 1 OUT** BNC on the Breakout Panel.

f Connect your linear time code output cable for channel 2 to the **LTC 2 OUT** BNC on the Breakout Panel.

g Connect your channel 1 RS-422 control cable to the **COM3** DB9 port on the Breakout Panel.

h Connect your channel 2 RS-422 control cable to the **COM4** DB9 port on the Breakout Panel.

Time Code & Remote

4

Breakout Cable

Connect the **Breakout** cable to the breakout port on the server.

5

Linear Time Code (LTC) In

a From the **Breakout** cable, fasten the **LTC 1 IN** BNC to the rear of the **LTC IN 1** BNC connector on the Breakout Panel.

b From the **Breakout** cable, fasten the **LTC 2 IN** BNC to the rear of the **LTC IN 2** BNC connector on the Breakout Panel.

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Linear Time Code (LTC) Out

a From the **Breakout** cable, fasten the **LTC 1 OUT** BNC to the rear of the **LTC OUT 1** BNC connector on the Breakout Panel.

b From the **Breakout** cable, fasten the **LTC 2 OUT** BNC to the rear of the **LTC OUT 2** BNC connector on the Breakout Panel.

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Remote Control

a From the **Breakout** cable, fasten the **RS-422 No. 1** plug to the rear of the **COM3** DB9 port on the Breakout Panel.

b From the **Breakout** cable, fasten the **RS-422 No. 2** plug to the rear of the **COM4** DB9 port on the Breakout Panel.

Pin Number	Signal
1	Ground
2	RxD-
3	TxD+
4	Ground
5	Not Connected
6	Ground
7	RxD+
8	TxD-
9	Ground

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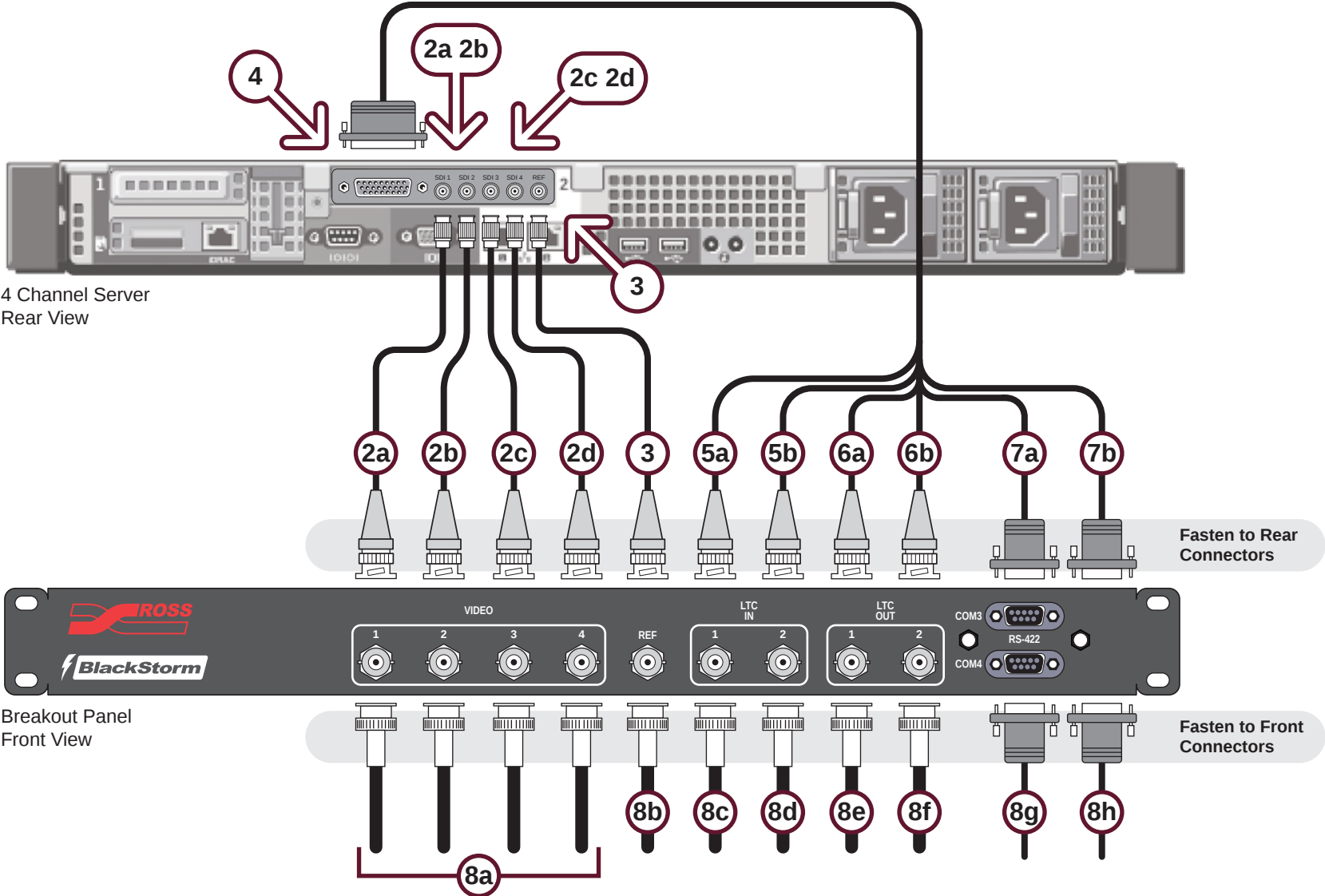
Video Output

- Fasten the small connector of a 1.0/2.3-to-BNC adapter cable to the **SDI 1** Mini-Din on the server. Fasten the large connector of the adapter cable to the rear of the **VIDEO 1** BNC connector on the Breakout Panel.
- Fasten the small connector of an adapter cable to the **SDI 2** Mini-Din on the server. Fasten the large connector of the adapter cable to the rear of the **VIDEO 2** BNC connector on the Breakout Panel.
- Fasten the small connector of an adapter cable to the **SDI 3** Mini-Din on the server. Fasten the large connector of the adapter cable to the rear of the **VIDEO 3** BNC connector on the Breakout Panel.
- Fasten the small connector of an adapter cable to the **SDI 4** Mini-Din on the server. Fasten the large connector of the adapter cable to the rear of the **VIDEO 4** BNC connector on the Breakout Panel.

3

Reference

Fasten the small connector of a 1.0/2.3-to-BNC adapter cable to the **REF** Mini-Din on the server. Fasten the large connector of the adapter cable to the rear of the **REF** BNC connector on the Breakout Panel.



Bulkhead Connections

8

Front Connectors

- Connect your **Video Output** cables to the **VIDEO** BNC connectors on the Breakout Panel as follows:
Channel 1 → VIDEO 1
Channel 2 → VIDEO 2
Channel 3 → VIDEO 3
Channel 4 → VIDEO 4
- Connect your house reference GenLock signal to the **REF** BNC on the Breakout Panel.
- Connect your linear time code input cable for channel 1 to the **LTC 1 IN** BNC on the Breakout Panel.
- Connect your linear time code input cable for channel 2 to the **LTC 2 IN** BNC on the Breakout Panel.
- Connect your linear time code output cable for channel 1 to the **LTC 1 OUT** BNC on the Breakout Panel.
- Connect your linear time code output cable for channel 2 to the **LTC 2 OUT** BNC on the Breakout Panel.
- Connect your channel 1 RS-422 control cable to the **COM3** DB9 port on the Breakout Panel.
- Connect your channel 2 RS-422 control cable to the **COM4** DB9 port on the Breakout Panel.

Time Code & Remote

4

Breakout Cable

Connect the **Breakout** cable to the breakout port on the server.

5

Linear Time Code (LTC) In

- From the **Breakout** cable, fasten the **LTC 1 IN** BNC to the rear of the **LTC IN 1** BNC connector on the Breakout Panel.
- From the **Breakout** cable, fasten the **LTC 2 IN** BNC to the rear of the **LTC IN 2** BNC connector on the Breakout Panel.

6

Linear Time Code (LTC) Out

- From the **Breakout** cable, fasten the **LTC 1 OUT** BNC to the rear of the **LTC OUT 1** BNC connector on the Breakout Panel.
- From the **Breakout** cable, fasten the **LTC 2 OUT** BNC to the rear of the **LTC OUT 2** BNC connector on the Breakout Panel.

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Remote Control

- From the **Breakout** cable, fasten the **RS-422 No. 1** plug to the rear of the **COM3** DB9 port on the Breakout Panel.
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