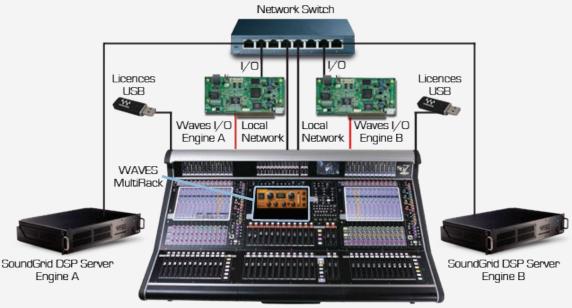
System Requirements

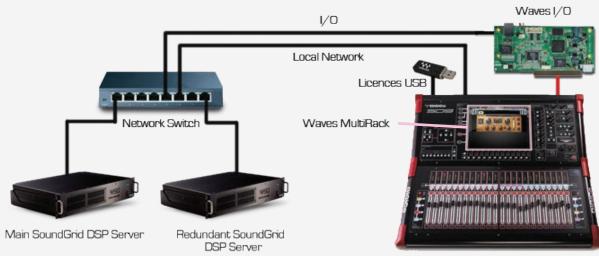
- 1. Waves-enabled DiGiCo console comes with a Waves I/O built into the console and with Waves plugins and the Waves MultiRack plugin host pre-installed.
- 2. Waves-qualified DSP SoundGrid server. For a list of qualified servers, visit www.waves.com/hardware/soundgrid-servers.
- 3. SoundGrid network switch. For a list of qualified network switches, visit www.waves.com/1lib/pdf/hardware/qualified-soundgrid-switches.pdf.
- CAT 5e/CAT 6 Ethernet cables.
 For cable requirements, consult www.waves.com/1lib/pdf/live/soundgrid-cables.pdf.
- 5. USB flash drive with activated licenses connected to the console. For license activation instructions, visit www.waves.com/support/activate.

SD7 Console/Dual Engine Setup



Digico SD7 Console/Dual Engine

SD11, SD10, SD9, SD8, SD5 Setup



DiGiCo SD Console

Getting Started with Waves on DiGiCo SD Consoles

		,											
S	ystem	Files	Layout	Snapshots	Waves	fx	Matrix	Graphic EQs	Control Groups	Solos	Network	Set	up
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											25		6

DiGiCo System

1 The Waves MultiRack application is accessible from the Waves tab at the top center of your DiGiCo screen. If the Waves tab is not accessible, go to Options > Console, and turn on "Enable Waves MultiRack."

MultiRack's Top Bar

- 2 On the left-hand side of the MultiRack top bar, you should see an ON status light.
- On the right of the top bar, you will see a server DSP usage percentage meter (SYS). A green number represents a functional system with an active SoundGrid DSP server available for running plugins.
- 4 Memory meter showing the RAM consumption of MultiRack SoundGrid and of any plugins currently running on MultiRack.
- 5 MultiRack's Show and Setup modes are linked to the console's Live and Setup modes, respectively.
- 6 MultiRack gives you 32 racks for running plugins, with 8 plugins per rack.
- While in Setup mode, click on the "+" sign to add a plugin; drag a plugin away from a rack to remove it.

If an **ERR** message appears in the MultiRack SoundGrid status window, click on the **Waves** tab, go to Window > Preferences, open the dropdown menu, and set it to your console's Ethernet card.

General Plug-In Man	ager	
Local LAN Port	None Link Status: Down	
	SoundGrid network NOT found	
	OK Cancel	Apply

When set correctly, **Link Status** is UP, **Link Speed** is 100 Mbps, and you will see the "SoundGrid Network Found" message.

If the SoundGrid Preferences are set correctly and the issue persists, check the SoundGrid Inventory:

Go to Window > SoundGrid Inventory

Under I/O devices: DiGiCo IO, verify the status is ON and assign the IO.

Under **SoundGrid Servers**, verify the status is ON and assign the Server.

SOUNDGRID INVENTORY ×											
SYSTEM PARAMETERS											
ATE 96000				NETWORK LATENCY 80 V DRIVER LATENCY 304 V							
VENTORY				TEST REDUNDANCY REFRESH							
I/O DEVICES											
DEVICE	CONTROL PANEL	CHANNEL	NAME	MAC ADDRESS / COMPUTER NAME	STATUS	CLOCK	MASTER	ID	DEVICE FIRMWARE		
D: DiGiCo IO		64	DiGiCo IO-1	00:1c:d1:00:2c:f4	On	DIG: Sync OK	۲	ID	UPDATE		
IR: MultiRack		256	MultiRack-1	00:e0:4b:40:ec:a1	On			\triangleleft			
<u> </u>											
					_		-				
SOUNDGRID SERVERS											
DE	VICE			MAC ADDRESS / COMPUTER NAME STATUS					DEVICE FIRMWARE		
SG Server				00:18:71:ea:47:79					UPDATE		
	RAMETERS TE 96000 VENTORY ES DEVICE DEVICE DEVICE R: MultiRack RID SERVERS DE	RAMETERS TE 96000 VENTORY ES DEVICE DEVICE CONTROL DEVICE DIGICO IO R: MultiRack I DEVICE CONTROL I DEVICE	RAMETERS TE 96000 VENTORY ES DEVICE DEVICE DEVICE CONTROL CHANNEL	RAMETERS TE 96000 VENTORY ES DEVICE DEVICE CMANNEL MultiRack AMULTIRACK AMULTIRAC	RAMETERS TE 96000 N VENTORY ES DEVICE CONTROL CHANNEL NAME COMPUTER NAME DIGICO IO 64 DIGICO IO 64 DIGICO IO 00:1c:d1:00:2c:f4 R: MultiRack 256 MultiRack-1 00:e0:4b:40:ec:a1	RAMETERS TE 96000 NETWORK 1 VENTORY ES DEVICE CONTROL CHANNEL NAME MACADDRESS/ STATUS DEVICE CONTROL CHANNEL NAME MACADDRESS/ STATUS COMPUTER NAME STATUS MACADDRESS/ COM STATUS MACADDRESS/ COM STATUS STAT	RAMETERS TE 96000 NETWORK LATENCY 80 TEST	RAMETERS TE 96000 NETWORK LATENCY 00 CORVERS TEST REDUNDAN ES DEVICE CONTROL CHANNEL NAME COMPUTER NAME STATUS CLOCK MASTER DEVICE 256 MultiRack-1 00:e0:4b:40:ec:a1 On DIG: Sync OK O R: MultiRack 256 MultiRack-1 00:e0:4b:40:ec:a1 On IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	RAMETERS TE 96000 NETWORK LATENCY 80 ROUTER DATA TEST REDUNDANCY TEST REDUNDAN		

Go to Window > SoundGrid Connections

Make sure that the following connections are set up properly:

(a) Source **DiGiCo I/O** to Destination **MultiRack**

(b) Source MultiRack to Destination DiGiCo I/O

The channel range is 64 Mono/Stereo MultiRacks for all SD console models. Turn **Individual Connections** ON.

SOUNDGRID CONNECTIONS											
CONNECTIONS											
ON	SOURC	£	DESTIN								
	DEVICE NAME	OUT CH RANGE	DEVICE NAME	IN CH RANGE	STATUS						
	DiGiCo ID-1	1 TO 64	MultiRack-1	1 10 64							
	MultiRack-1	1 TO 64	DiGiCo ID-1	1 TO 64							
DOUBLE-CLICK TO ADD & CONNECTION											
DEL	ETE COMPECTION			OR CANCE	L APPLY						
				and the second							

You can create connections manually or use the **Load Default** button to load "32 Racks Processing."

Remember to turn Individual Connections ON.

Online Resources

DiGiCo

Waves for DiGiCo Manual: www.digico.org/downloads/support/Waves_User_ Manual_B.pdf

Waves

MultiRack for DiGiCo User Guide: www.waves.com/1lib/pdf/live/digico-manual.pdf

MultiRack for DiGiCo Troubleshooting Guide: www.waves.com/1lib/pdf/live/digico-multirack-soundgrid-troubleshooter.pdf

MultiRack for DiGiCo download page: www.waves.com/downloads/digico

Support

Support for the MultiRack application, Waves plugins, and Waves SoundGrid DSP servers is provided by Waves Audio for registered owners:

Phone: 1-865-909-9200, ext. 1

Monday-Thursday: 4:00 am-midnight (EST)

Friday: 9:00 am-midnight (EST)

Saturday-Sunday: 11:00 am-6:00 pm (EST)

Saturday: Urgent live sound requests only also via VIP line 1-865-909-9277.

Support for the DiGiCo SD consoles and the built-in Waves I/O is provided by DiGiCo and its distributors:

DiGiCo Support: www.digico.biz/docs/about/contact_support.shtml

List of DiGiCo distributors:

www.digico.biz/docs/distributors_clients/index.php?group=Distributor