

Yamaha

- [Interfacing QL/CL, TF, Rio, and Tio](#)

Interfacing QL/CL, TF, Rio, and Tio

The following devices can be integrated with Dante audio and head-amp control:

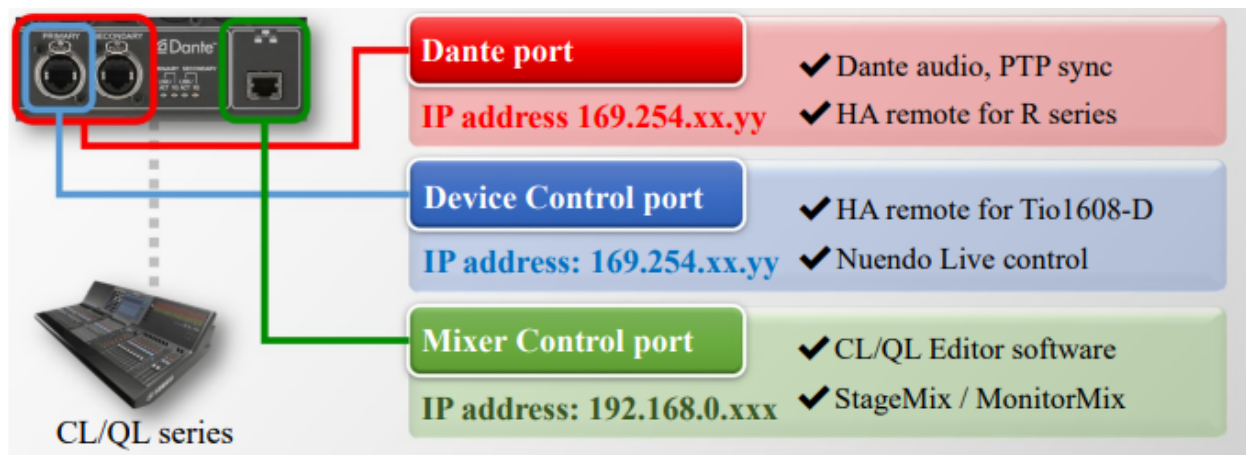
	Rio-D2	Rio (Native mode)	RSio64-D/ RMio64-D	Tio1608-D	QL Series Internal HA
Rivage PM10/7 w/ HY144-D	x	x			x
CL Series QL Series	x	x	x	x	x
TF Series w/ NY64-D	x	x		x	
R Remote	x	x	x	x	

Note that firmwares must be of a matched revision according to the Yamaha RIVAGE PM/CL/QL/R/Tio Series Firmware/Editor/R Remote/Console File Converter Compatibility document [\(PDF\)](#). Newer versions tend to work across device series at release time but that is not always true and hasn't historically been true. Best to check versions for cross-compatibility (stay to one line on the chart).

Devices under control must be 'mounted' in the controlling system. Leave the Y####- prefix on any device names to enable mounting.

Best practice: Set all devices to different IDs. Reserve low numbers for Tio/TF as they are more restricted in numbering options.

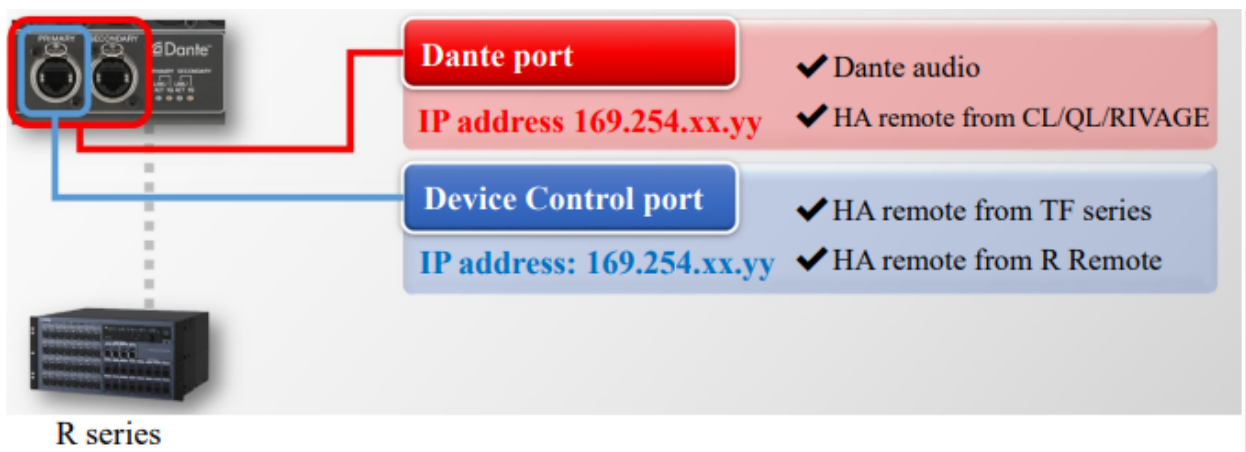
CL and QL network is physically configured as follows. Note that the Device Control port for HA remote for a Tio must be set on the Dante network and is separate from the Dante port.



Dante port IP address 169.254.xx.yy	Set via Dante Controller	<input type="button" value="AUTO"/> <input type="button" value="MANUAL"/>
Device Control port IP address: 169.254.xx.yy	Set via console	<input type="button" value="AUTO"/> <input type="button" value="MANUAL"/>
Mixer Control port IP address: 192.168.0.xxx	Set via console	<input type="button" value="MANUAL"/>

How to set CL/QL IP addresses

R-series (Rio, RMio, RSio, Rio-D2) port configuration:



TF port configuration:

HA control is on the primary Dante network interface

Tio port configuration:

HA control is on the primary Dante network interface but as a second address, much like the R-series. See <https://mediarealm.com.au/articles/yamaha-tio1608-dante-io-usage/> for configuration.

TF Dante routing:

Channel		Dante slot		
		TF5	TF3	TF1
INPUT	CH 1-32	SLOT IN 1-32		
	CH 33-40	SLOT IN 33-40		-
	STEREO IN L/R	SLOT IN 63, 64		
OUTPUT	DIRECT OUT 1-32	SLOT OUT 1-32		
	AUX OUT 1-20	SLOT OUT 33-52		
	MATRIX OUT 1-4 (V2.5 or later)	SLOT OUT 53-56		
	STEREO OUT L/R	SLOT OUT 57, 58		
	SUB OUT	SLOT OUT 59		
	MONITOR OUT	SLOT OUT 61, 62		

References:

- [CL / QL design guide \(PDF\)](#)
- [TF/Tio design guide \(PDF\)](#)
- [Firmware cross-compatibility \(PDF\)](#)
- [CL/QL v4.1 supplementary manual \(PDF\)](#)