

## Comparison Audio Network for PRODIGY Series

	<b>RAV.IO / RAV.SRC.IO</b>	<b>DANTE.IO / DANTE.SRC.IO</b>	<b>SG.IO / SG.SRC.IO</b>	<b>MILAN.IO/ MILAN.SRC.IO</b>
<b>Network</b>				
Protocol	RAVENNA	Dante	SoundGrid	AVB
Network-Layer	3	3	2	2
Number of channels (1 FS / 2 FS / 4 FS)	128 / 64 / 32	64 / 32 / 16	128 / 64 / –	128 / 64 / 32
Number of streams	32	32		16
Standards	AES67 ST 2110-30 /-31	AES67 ST 2110-30*		IEEE Standards 802.1BA-2011 802.1Q-2014 802.1AS-2011 1722-2016 1722.1-2021
<b>Signal</b>				
Sample Rates	44.1 kHz up to 192 kHz	44.1 kHz up to 192 kHz	44.1 kHz up to 96 kHz	44.1 kHz up to 192 kHz
Sample Rate Conversion	RAV.SRC.IO**	DANTE.SRC.IO**	SG.SRC.IO**	MILAN.SRC.IO**
<b>Control</b>				
web gui	yes	yes	no	yes
globcon	yes	no	no	yes
NMOS	yes	no	no	no
software application	ANEMAN	Dante Controller	SoundGrid Studio	ATDECC controllers (e.g. Hive)
<b>Interfaces</b>				
RJ45 Gigabit Ethernet	2	2	2	2
SFP	1	1	1	1
<b>Features</b>				
WAN capability	yes (> 500 ms delay)	no	no	no
Stream Redundancy	yes ST 2022-7	primary / secondary	no	yes
Switch Configuration	yes	yes	no	yes
Out-of-band management	yes	no	no	no
PTP Hybrid Mode	yes	yes	no	no
Discovery	RTSP, SAP, NMOS IS-04, mDNS	SAP, mDNS	–	mDNS

\* only with Dante Domain Manager

\*\* the HD SRC of the XX.SRC.IO has a latency of about 50 samples (about 1 ms @ 48 kHz), the FastSRC™ option of the PRODIGY has a latency of 6 to 8 samples - <https://www.directout.eu/support/glossary/>.