



General A/V Integration Applications

The SOLON Series from Tendzone provides a vast range of versatile audio DSP tools for the general AV integrator. The SOLON Series DSP's come in 5 size configurations, ranging from 4x4 to 16x16.

SOLON Series DSP's offer feedback suppression, auto-mixing, and expansion (cascading). The SOLON M880/EX and 16x16/EX versions allow for 2-level expansion to create larger configurations of 16x16, 24x24, and 32x32. This expansion capability provides for added capacity in future upgrades. The SOLON Series also offers an 8x8 version with Dante™ signal extension.

All Tendzone DSP's come packed with a standard toolkit of powerful processing and integration features. AGC, compressor/limiter, expander, and matrix mixing are core features to all models. (A 5-band parametric EQ is standard on all size configurations, except 4x4). Tendzone's versatile speaker processor provides 8-band EQ, delay, crossover, and filtering. All Tendzone DSPs include room noise reduction, which provides for discreet removal of certain persistent ambient background sounds. In addition, all DSP models come with a standard Tendzone bonus feature: PTZ camera voice-tracking. A dedicated RS-485 port provides bi-directional commands to most robotic PTZ cameras, allowing for mic-triggered recall of camera shot presets. All of these functions are configured using Tendzone's highly-intuitive Tend-Ware GUI interface. Tendzone DSPs are backed by a standard 6-year parts and labor warranty.

Tendzone offers multiple control options for system integrators. Standard bidirectional control via RS-232, and GPI allows all Tendzone DSP's to work with standard third-party control systems, including AMX and Crestron. Local room control is also available via Tendzone's array RC-LINK wallplate controllers. These units provide bi-directional control and use PoE power, via standard Ethernet cabling. Tendzone DSP products are designed to be integrator-friendly, in terms of installation and field configuration.

The SOLON Series of DSP's provide a digital "Swiss Army knife" for AV integrators requiring versatile features, reliable performance, high stability, easy configuration, and high value at a cost-effective price.

SOLON Series

Available in 4x4, 8x8, 12x8, 12x12, &16x16

SERIES FEATURES

Expandable, Up To 2 Levels (8x8 & 16x16) Feedback Suppression Auto-Mixer Dante Version (4x4,8x8,12x8,16x16)

STANDARD FEATURES

AGC, Expander, Compressor/Limiter *5-Band Parametric EQ (Except 4x4) 31-Band Graphic EQ (Only in 4x4) Matrix-Mixer Speaker Processor (EQ, Delay, Crossover, Filters) Room Noise Reduction PTZ Camera Voice-Tracking RS-232 / GPI 8 Presets Tend-Ware Intuitive GUI Software AMX & Crestron Compatible 3-Year Warranty

OPTIONS

RC-LINK Panels *In All Sizes Except 4x4

SOLON SPECIFICATIONS

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OutAntization ABUMA 2481T IO DYNLAMOR 11286 IN DYNLAMOR 11286 INDER CANCELLATION UP TO 3008/SOFTWARE SELECTABLE PTYE DSP-ARM (DUAL CORE) INCLUDED YES BS-232/9485 2 BS-232/9486 YES BS-232/9475 2 BS-232/9475 YES BS-232/9475 2 BS-232/9475 YES BS-232/9475 YES BS-232/9475 YES BS-232 PORT 1 CONNECTOR DB-9(F) CONNECTOR DB-9(F) CONNECTOR DB-9(F) CONNECTOR DB-9(F) CONFIGURATION RS432-RX-PIN2, TX-PIN3, GND-PIN5 PRODUCT WEIGHT 1940/BS-175, ISTAB BTS, ISTOP BIT, POOLOT WEIGHT GPIO 18 DEVICES, VIA DO VOITAGE (GPIO) GPIO 18 DEVICES, VIA DO VOITAGE (GPIO) GPIO 18 DEVICES, VIA DO VOITAGE (GPIO) GONNECTOR DB-25(F) CONNECTOR DB-25(F) CONNECTOR	A-D DYN.RANGE	≥116dB													
OUMINIZATION 48KH22481T 10 DVR.NAME 11248 NOISE CANCELLATION UP TO 308BISOFTWARE SELECTABLE PTZ CAMERA VOICE TRACKING TYPE DISTERTION UP TO 308BISOFTWARE SELECTABLE INCLUDED YES INCLUDED JEAVERAUMINIS INCOMPETION GOUNCTINE FAN CONNECTOR DB-49(F) INCLUDED YES INCOMPOSE INTERFACE (GPIO) 199.95X1735(n.1/4832520x4(mm) INDENSION REGULATORY COMPLIANCE-ENVERON (3.866()) INDENSION STAS	D-A DYN RANGE	118dB						Н		RF					
INDER 11208 INDER 11208 INDER UP TO 300BISOFTWARE SELECTABLE INCLUED YES INCLUED YES INCLUED YES INDERCENCE POWER & COOLING INCLUED YES INCLUED YES INCLUED YES INDERCENCE OPERATING INDERCENCE 0.40 °C/32-104 °F INDERCENCE CONSUMPTION INDERCENCE 0.40 °C/32-104 °F INDENDERCENCE 0.40	QUANTIZATION	48KHz/24BIT	CPU			TF	XAS IN				38 C600	0			
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BC-232/485 AVISCA SUPPORT YES BC-232/485 AVISCA SUPPORT 90WER 110-230V AC © 50060 Hz CONSUMPTION 60 WATTS BC-232 PORT 0 60 WATTS RS-232 PORT 1 0-00°//22 Hot % CONNECTOR DB-9(F) 10-00%, NON-CONDENSING CONNECTOR DB-9(F) 000-077600 BAUD (5600 BAUD (500 FRAL)) CONNECTOR DB-9(F) 000-077600 BAUD (5600 BAUD (500 FRAL)) CONFIGURATION RS232-PX-PINB, GND-PINS 000-077600 BAUD (5600 BAUD (500 FRAL)) PROTOCOL 000-27600 BAUD (5600 BAUD (500 FRAL)), 8 DATA BITS, 1 STOP BIT, NO PARITY NO FLOW CONTROL) 19x9.85x175(in.)483x250x44(mm) PROUCT WEIGHT 6980.85 17x8 (6 580.85) 681.85 811.85 822.85 (81.85)	INCLUDED														
BAVISCA SUPPORT TES 000000000000000000000000000000000000			POWER	110-230V AC @ 50/60 Hz											
SERIAL CONRTOL TEMPERATURE UHU DITY I CONNECTOR DB-9(F) HUMIDITY 10-90%,NON-CONDENSING I CONNECTOR DB-9(F) COUNCETOR NON-CONDENSING I CONNECTOR DB-9(F) COUNCTION FM MOUNTING IRU(19x1.75'-EIA STANDARD) BAUD RATE AND PROTOCOL 300-57600 BAUD (9600 BAUD (S DEFAULT), 8 DATA BITS, 1 STOP BIT, NO PARITY NO FLOW CONTROL PHYSICAL PHYSICAL IMMENSIONS 19x8.85x1.75(in.)/483x250x44(mm) PHYSICAL Status 6 stat	&VISCA SUPPORT	YES	CONSUMPTION	60 WATTS											
SERIAL CONRTOL Item/Ena tone RS-232 PORT 1 CONNECTOR DB-9(F) RS-488 PORT 1(FOR CAMERA CONTROL) CONNECTOR DB-9(F) BAUD PATE AND 300-57600 BAUD (9600 BAUD (950 FAULT), 8 DATA BITS, 1 STOP BIT, PROTOCOL PROTOCOL 300-57600 BAUD (9600 BAUD (SDEFAULT), 8 DATA BITS, 1 STOP BIT, PROTOCOL 10K-NSIONS PROTOCOL RS232:RX-PIN3, B-PIN4, GND-PIN5 10KENSIONS CONNECTOR BAUD PARTE AND RS232:RX-PIN3, B-PIN4, GND-PIN5 10KENSIONS SHIPPING WEIGHT 604LBS 6.51LBS 6.52LBS 6.60LBS 6.31LBS 6.2LBS 1.32LBS 1.								0.4	1°C/22_1	04°E					
RS-232 PORT 1 CONNECTOR DB-9(F) RS-432 PORT 1(FOR CAMERA CONTROL) CONNECTOR DB-9(F) RS-438 PORT 1(FOR CAMERA CONTROL) CONNECTOR DB-9(F) BAUD PATE AND PROTOCOL 300-57600 BAUD (9600 BAUD (Sector BAUD), 8 DEFAULT), 8 DATA BITS, 1 STOP BIT, NO PARITY, NO FLAW CONTROL PIN RS-232:RX-PIN3, GND-PIN5 CONFIGURATION RS485:A-PIN3, B-PIN4, GND-PIN5 CONFIGURATION RS485:A-PIN3, B-PIN4, GND-PIN5 GENGERAL PURPOSE INTERFACE (GPIO) 18 DEVICES, VA D C VOLTAGES (0.12, 28KG) (4.3KG) (4			TEMPERATURE					0-+	0/02-1	041					
CONNECTOR DB-9(F) RS-485 PORT 1(FOR CAMERA CONTROL) CONNECTOR DB-9(F) BAUD RATE AND PROTOCOL 300-57600 BAUD (9600 BAUD 10 EFAULT), 8 DATA BITS, 1 STOP BIT, NO PARITY, NO FLOW CONTROL. 19x9.85x1.75(in)./483x250x44(mm) PIN CONFIGURATION RS232:RX-PIN2, TX-PIN3, GND-PIN5 0.004.85 GENGERAL PURPOSE INTERFACE (GPIO) 187.458(i) (2.45KG)		SERIAL CONRTOL	HUMIDITY	,											
RS-485 PORT 1(FOR CAMERA CONTROL) CONNECTOR DB-9(F) BAU DRATE AND 300-57600 BAUD (9600 BAUD (S DEFAULT), 8 DATA BITS, 1 STOP BIT, PPNOTOCL NO PARTY, NO FLOW CONTROL 19x9.85x1.75(n)./483x250x44(mm) CONFIGURATION RS232:RX-PIN2, TX-PIN3, GND-PIN5 CONFIGURATION RS485:A-PIN3, B-PIN4, GND-PIN5 CONFIGURATION RS485:A-PIN3, B-PIN4, GND-PIN5 CONFIGURATION RS485:A-PIN3, B-PIN4, GND-PIN5 SHIPPING WEIGHT 6.04LBS CONNECTOR 094LBS OPNOUT VOLTAGE.91 NA DO VOLTAGE (91 N & 9 OUT). TWO AVAILABLE INPUT VOLTAGES(3.3V-5V & 12V). ONE OUTPUT VOLTAGE (3V) CONNECTOR DB-25(F) PRESETS REGULATORY COMPLIANCE-SAFETY NUMBER UP TO 8 AVAILABLE PRESETS NUMBER UP TO 8 AVAILABLE PRESETS CONFIGURATION VIA TENDONE TEND-WARE TENDZONE RC-LINK PANEL/M-LAN SUPPORT YES INCLUDED YES RC-LINK PORTS 1	RS-232 PORT	1	COOLING TYPE	CONNECTION & FAN											
CONNECTOR DB-9(F) BAUD PATE AND PROTOCOL 300-57600 BAUD (9600 BAUD IS DEFAULT), 8 DATA BITS, 1 STOP BIT, NO PARITY, NO FLOW CONTROL PIN R5222:R3: APIN2, TX-PIN3, GND-PIN5 CONFIGURATION RS485:A-PIN3, B-PIN4, GND-PIN5 CONFIGURATION RS485:A-PIN3, B-PIN4, GND-PIN5 GENGERAL PURPOSE INTERFACE (GPIO) 6.06LBS 6.17LBS 6.53LBS 6.83LBS 6.84LBS 1054LBS	CONNECTOR		MOUNTING				1Rl	J(19x1.	75"-EIA S	STANDA	RD)				
BAUD RATE AND PROTOCOL PHYSICAL PHYSICAL DAUD RATE AND PROTOCOL ON-57600 BAUD (9600 BAUD IS DEFAULT), 8 DATA BITS, 1 STOP BIT, NO PARITY, NO FLOW CONTROL PIN RS232:RX-PIN2, TX-PIN3, GND-PIN5 CONFIGURATION RS485:A-PIN3, B-PIN4, GND-PIN5 CONFIGURATION GENGERAL PURPOSE INTERFACE (GPIO) GENOMECTOR GENGERAL PURPOSE INTERFACE (GPIO) GPIO 18 DEVICES, VIA DC VOLTAGE. (9 IN & 9 OUT), TWO AVAILABLE INPUT VOLTAGES(3.3V-5V & 12V). ONE OUTPUT VOLTAGE (3V) CCE YES CONFIGURATION REGULATORY COMPLIANCE-SAFETY OCONFIGURATION VIA TENDONE TEND-WARE CE YES NUMBER UP TO 8 AVAILABLE PRESETS CCE YES NUMBER VIA TENDONE TEND-WARE TENDZONE RC-LINK PANEL/M-LAN SUPPORT WARRANTY INCLUDED YES CENTRE ACC (DPIO) SUPPONDING TEND-WARE NUMBER UP TO 8 AVAILABLE PRESETS <th col<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th>	<td></td>														
DMODINCE ALD 300-37000 BADD (900 BADT), NO FLOW CONTROL Store Bit, NO PARTO 19x9.85x1.75(in.)/483x250x44(mm) PIN RS232:RX-PIN2, TX-PIN3, GND-PIN5 6.08LBS 6.01LBS 6.30LBS 6.20LBS 6.31LBS 6.30LBS 10.30HS3 10.32HS 10.32	CONNECTOR	DB-9(F)													
PIN CONFIGURATION RS232:RX-PIN2, TX-PIN3, GND-PIN5 RS485:A-PIN2, TX-PIN3, B-PIN4, GND-PIN5 0.06LBS 6.17LBS 6.53LBS 6.60LBS 6.11LBS 6.22LBS 6.11LBS 6.22LBS 6.12LBS 6.20LBS 6.12LBS		300-57600 BAUD (9600 BAUD IS DEFAULT), 8 DATA BITS, 1 STOP BIT,	DIMENSIONS												
CONFIGURATION RS485:A-PIN3, B-PIN4, GND-PIN5 Image: Configuration GENGERAL PURPOSE INTERFACE (GPIO) GENGERAL PURPOSE INTERFACE (GPIO) 974L85 1064L85			DIMENSIONS					1	1		î Ó			-	
Implicit of the present set of the pres			PRODUCT WEIGHT	6.06LBS	6.17LBS	6.53LBS	6.66LBS	6.81LB	6.22LBS	6.81LBS	6.02LBS	6.12LBS	6.38LBS	6.6LBS	
OFIPPING WEIGHT (4.42KG)[(4.56KG)[(4.56KG)](4.65KG	CONTROLLATION	RS485:A-PIN3, B-PIN4, GND-PIN5		· ,	. ,	, ,	. ,								
GENGERAL PURPOSE INTERFACE (GPIO) GPIO 18 DEVICES, VIA DC VOLTAGE. (9 IN & 9 OUT). TWO AVAILABLE INPUT VOLTAGES(3.3V-5V & 12V). ONE OUTPUT VOLTAGE (3V) CONNECTOR DB-25(F) CE YES REGULATORY COMPLIANCE-EMI/EMIC CE YES CONFIGURATION VIA TENDONE TEND-WARE CONFIGURATION VIA TENDONE TEND-WARE INCLUDED YES RC-LINK PORTS 1			SHIPPING WEIGHT	9.74LBS (4.42KG)	10.05LBS (4.56KG)	10.40LBS (4.72KG)	10.54LBS (4.78KG)	10.69LB	6 10.09LBS	6 10.71LBS	9.90LBS (4.49kg)	10.05LBS (4.57kg)	10.36LBS (4.71kg)	10.65LBS (4.84kg)	
GPIO VOLTAGES(3.3V-5V & 12V). ONE OUTPUT VOLTAGE (3V) CONNECTOR DB-25(F) CE YES CE YES NUMBER UP TO 8 AVAILABLE PRESETS CONFIGURATION VIA TENDONE TEND-WARE CE YES ROHS YES INCLUDED YES RC-LINK PORTS 1		GENGERAL PURPOSE INTERFACE (GPIO)		(1.121(0))	(1.00110)	(21(0))	(1170110)	(1.00110	(1.00110	/ (oong)	(ii rong)	(1.071(g)	(mg)	(1.0 mg)	
GPIO VOLTAGES(3.3V-5V & 12V). ONE OUTPUT VOLTAGE (3V) CONNECTOR DB-25(F) CE YES CE YES NUMBER UP TO 8 AVAILABLE PRESETS CONFIGURATION VIA TENDONE TEND-WARE CE YES ROHS YES INCLUDED YES RC-LINK PORTS 1		18 DEVICES, VIA DC VOLTAGE, (9 IN & 9 OUT), TWO AVAILABLE INPUT													
CONNECTOR DB-25(F) CONNECTOR CE YES PRESETS NUMBER UP TO 8 AVAILABLE PRESETS CONFIGURATION VIA TENDONE TEND-WARE	GPIO						REGU	ATORY	COMPL	IANCE-9	SAFFTY				
Image: Presens Regulatory compliance-em/remc NUMBER UP TO 8 AVAILABLE PRESETS CE YES CONFIGURATION VIA TENDONE TEND-WARE ROHS YES	CONNECTOR	DB-25(F)	CE												
PRESETS CE YES NUMBER UP TO 8 AVAILABLE PRESETS REGULATORY COMPLIANCE-ENVIROMENTAL CONFIGURATION VIA TENDONE TEND-WARE ROHS YES TENDZONE RC-LINK PANEL/M-LAN SUPPORT INCLUDED YES LENGTH 3YEARS RC-LINK PORTS 1 COVERAGE PARTS & LABOR						1	REGUL	ATORY		IANCE-F	MI/EMC	;			
TENDZORE RC-LINK PANEL/M-LAN SUPPORT REGULATORY COMPLIANCE-ENVIROMENTAL INCLUDED YES RC-LINK PORTS 1		DECETC	CE												
NOMBER OF 10 % AVAILABLE PRESETS CONFIGURATION VIA TENDONE TEND-WARE TENDZONE RC-LINK PANEL/M-LAN SUPPORT WARRANTY INCLUDED YES RC-LINK PORTS 1						REG	ULATO	RY CO		CE-ENVI	ROMEN	TAL			
TENDZONE RC-LINK PANEL/M-LAN SUPPORT WARRANTY INCLUDED YES LENGTH 3YEARS RC-LINK PORTS 1 COVERAGE PARTS & LABOR			ROHS												
INCLUDED YES LENGTH 3YEARS RC-LINK PORTS 1 COVERAGE PARTS & LABOR	CONTIGUNATION														
INCLUDED YES LENGTH 3YEARS RC-LINK PORTS 1 COVERAGE PARTS & LABOR															
RC-LINK PORTS 1 COVERAGE PARTS & LABOR															
		YES													
M-LAN PORTS 1 TERMS SEE TERMS & CONDITIONS AT WWW.TENDZONE.COM															
	M-LAN PORTS	1	TERMS		5	SEE TER	MS & C	ONDIT	IONS AT	WWW.T	ENDZO	NE.COM			



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