

## ABOUT US

Dare Professional Audio Established in 2008. Base on the powerful R&D team have great acoustic and physical knowledge, self development and improvement. We supply many leading technology professional sound reinforcement products for over 10 years.



The products of DARE strict implement IEC standard. We always keep the quality of our product rigorous, reliable and high technology.

Perfect sound reinforcement, smaller, lighter, easier system connection, more intelligent tuning, and more reliable experience. These are the kernel of the development in DARE company.



The products of DARE always keep the high system efficiency, low power consumption and absolutely leading tech in sound industry.

Dare---Your most reliable choice.



## Dare Audio Equipment Technology Co., Ltd

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## Specifications

<b>ADC/DAC</b>	
Sample Rate/quantization	24kHz/96bit separate ADC/DAC
Input/Output method	Differential
Dynamic Range	TYP>=112dB
Frequency response	TYP<0.5dB
<b>Digital signal processor</b>	
Performance	48bit Dual-core float
<b>Analog input</b>	
Electric Connection	6XLR connectors at rear panel
Input impedance	20k Ω
Max Output level	+8dBu(2volts)
<b>Analog output</b>	
Electric Connection	8XLR connectors at rear panel
Dynamic range	112dB
THD	-90dB ( 0.003% ) @1KHz,+12dBV
Frequency Response	+0/-0.5dB,20Hz to 20kHz
Crosstalk	-90dB,20Hz to 20kHz
Output impedance	50 Ω
Max output level	+8dBu (2volts)
<b>User Interface</b>	
PC control interface	With PC software
Power consumption	<15W
Weight	3KG
Demension	482*165*44(mm)

## DSP AUDIO PROCESSOR



**DSP68** 6x8 Audio Processor with Wireless Audio Transmission



**CT88** 8x8 Audio Processor with CANTE Audio transmission protocol



**Dt44** 4x4 Network Audio Processor



## AMP-A3/A4/A5/A6

### Amplifier features

- > 2/4Channel Class-D Power Amplifier.
- > 90-264VAC Global Power Supply.
- > Purifying Ground and Singal Source Noise.
- > Direct Energy Amplifying.
- > Constant Zero Distortion Power Control.
- > Dual Reactor Phase Shift Control.
- > Dynamic Energy Recycling.
- > Overheat and Clip Soft Protection.

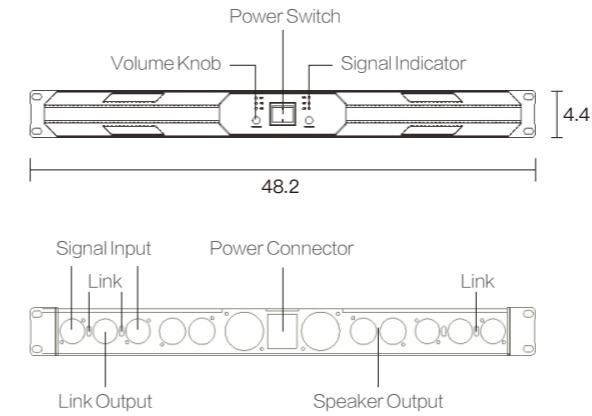
### Front panel



### Rear panel (2,4 channels)



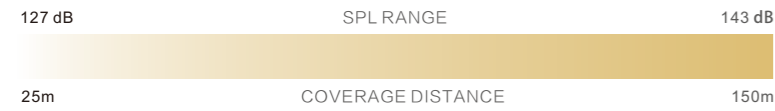
## Specifications



Model	A3	A4	A5	A6
8 Ohm stereo power	2CHx650W	4CHx650W	2CHx1100W	4CHx1100W
4 Ohm stereo power	2CHx1200W	4CHx1200W	2CHx2000W	4CHx2000W
N.W. (kg)	2.8	3.9	3.2	4.6
Size (cm)	48.2x16.5x4.4			
Total Harmonic Distortion	< 0.005%			
Signal to Noise Ratle	112dB ( A-weighting )			
Freq. Response	20 Hz - 20 kHz +/-0.25dB			
Damping Factor	> 1000			
Controlled Slew Rate	> 50V/us			
Input Impedance	30K Ω Balanced			
Input Sensitivity	0 . 775V			
DC Remain	< 5mV			
Operation Range	90V - 264V DC to 200 Hz			
Power Factor	> 0.95 @ > 500 W			
Max Output Voltage/Current	100 Vpeak / 50Apeak			

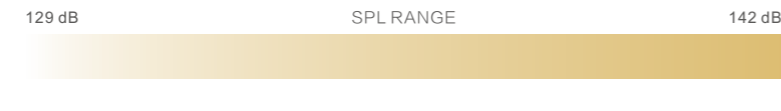
Market-leading professional audio products and system solutions

## MID & LONG ACTIVE/PASSIVE LINE ARRAY



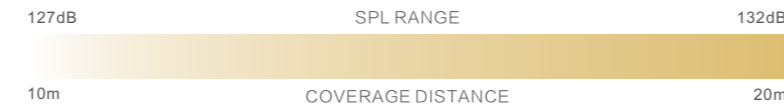
Model	T810 T910	L813 L913	L816 L916	L820 L920	L824 L924	L830 L930
Driver (inch)	LF:1x10" HF:2x1"	LF:2x6.5" HF:2x1"	LF:2x8" HF:2x1"	LF:2x10" HF:2x1.8"	LF:2x12" HF:2x1.8"	LF:2x15" HF:3x1.8"
DC-Impedance	6.4 Ohm	3.2 Ohm	3.2 Ohm	3.2 Ohm	3.2 Ohm	3.2 Ohm
Freq.response (HZ-6db)	70-22k	90-22k	80-22k	70-20k	60-20k	50-20k
Power Consumption (W)	250	350	450	600	700	800
Peak power (W)	1000	1400	1800	2400	2800	3200
Sensitivity (db/m.w)	98	99	100	101	102	103
Maximum SPL (db)	127-139	131-143	133-145	135-147	137-149	140-152
Coverage (H° xV°)	110x15	110x15	110x15	110x15	110x15	100x15
Size(cm)	42x30x32	56x22x26	62x24x30	72x29x35	82x34x40	96x42x47
N.W.(kg)	12/10(Nd)	13/10(Nd)	18/14(Nd)	26/20(Nd)	32/25(Nd)	40/32(Nd)

## ACTIVE/PASSIVE SUBWOOFER



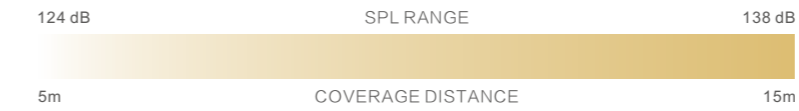
Model	S812 S912	S815 S915	S818 S918	S821 S921	S824 S924	S836 S936	S842 S942
Driver (inch)	1x12"	1x15"	1x18"	1x21"	1x24"	2x18"	2x21"
DC-Impedance	6.4 Ohm	3.2 Ohm	6.4 Ohm	4.8 Ohm	3.2 Ohm	6.4 Ohm	6.4 Ohm
Freq.response (HZ-6db)	40-400	35-400	32-400	30-400	28-400	32-400	30-400
Power Consumption (W)	300	400	600	800	1000	1200	1600
Peak power (W)	1200	1600	2400	3200	4000	4800	6400
Sensitivity (db/m.w)	98	99	100	101	102	103	104
Maximum SPL (db)	129	131	133	135	137	139	142
Coverage (H° xV°)	--	--	--	--	--	--	--
Size(cm)	48x38x60	56x42x60	62x52x60	72x59x60	82x66x60	120x52x60	120x60x60
N.W.(kg)	19/16(Nd)	28/20(Nd)	35/32(Nd)	45/40(Nd)	55/50(Nd)	65/55(Nd)	75/65(Nd)

## ACTIVE/PASSIVE MONITOR



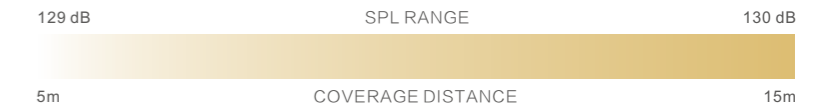
Model	M810 M910	M812 M912	M815 M915
Driver (inch)	LF:1x10" HF:1x1.4"	LF:1x12" HF:1x1.8"	LF:1x15" HF:1x1.8"
DC-Impedance	6.4 Ohm	6.4 Ohm	3.2 Ohm
Freq.response (HZ-6db)	60-22k	55-20k	50-20k
Power Consumption (W)	250	300	400
Peak power (W)	1000	1200	1600
Sensitivity (db/m.w)	98	99	100
Maximum SPL (db)	127	129	132
Coverage (H° xV°)	90x60	90x60	90x60
Size(cm)	30x48x33	35x54x39	42x67x46
N.W.(kg)	14	18	25

## ACTIVE/PASSIVE FULL SPEAKER



Model	F806 F906	F808 F908	F810 F910	F812 F912	F815 F915	F830 F930
Driver (inch)	LF:1x6.5" HF:1x1"	LF:1x8" HF:1x1"	LF:1x10" HF:1x1.4"	LF:1x12" HF:1x1.8"	LF:1x15" HF:1x1.8"	LF:2x10" HF:2x1.8"
DC-Impedance	6.4 Ohm	6.4 Ohm	6.4 Ohm	6.4 Ohm	3.2 Ohm	3.2 Ohm
Freq.response (HZ-6db)	80-22k	70-22k	60-22k	55-20k	50-20k	40-20k
Power Consumption (W)	150	200	250	300	400	800
Peak power (W)	600	800	1000	1200	1600	3200
Sensitivity (db/m.w)	96	97	98	99	100	103
Maximum SPL (db)	124	126	127	129	132	138
Coverage (H° xV°)	90x90	90x90	90x60	90x60	90x60	110x30
Size(cm)	21x36x23	25x41x28	30x48x33	35x54x39	42x67x46	43x125x50
N.W.(kg)	8	10	14	18	25	38

## ACTIVE/PASSIVE CLUB SYSTEM



Model	Club6	Club8	Club12	Club15
Driver (inch)	LF:1x6" HF:1x1"	LF:1x8" HF:1x1"	1x12"	1x15"
DC-Impedance	12.8 Ohm	12.8 Ohm	6.4 Ohm	6.4 Ohm
Freq.response (HZ-6db)	80-22k	70-22k	40-400	35-400
Power Consumption (W)	150	200	300	400
Peak power (W)	600	800	1200	1600
Sensitivity (db/m.w)	96	97	98	99
Maximum SPL (db)	124	126	129	131
Coverage (H° xV°)	90x90	90x90	--	--
Size(cm)	21x36x23	25x41x28	48x38x60	56x42x60
N.W.(kg)	8	11	19/16(Nd)	28/20(Nd)