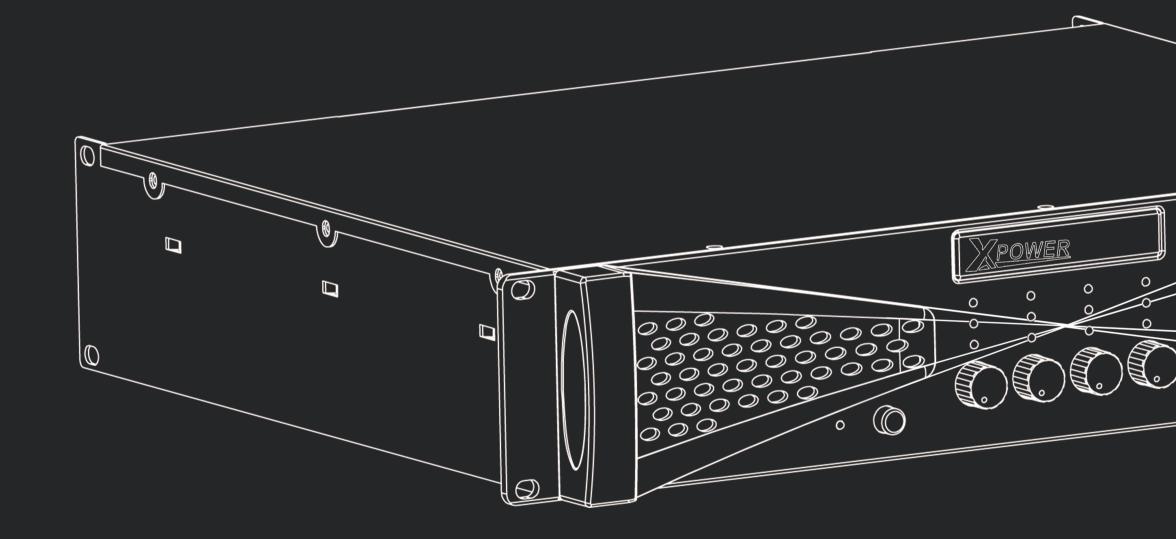
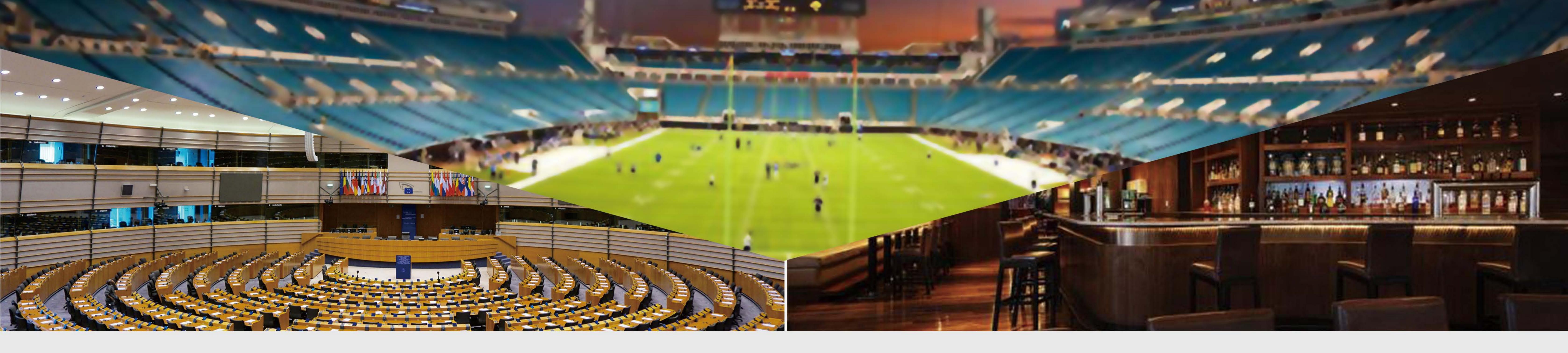


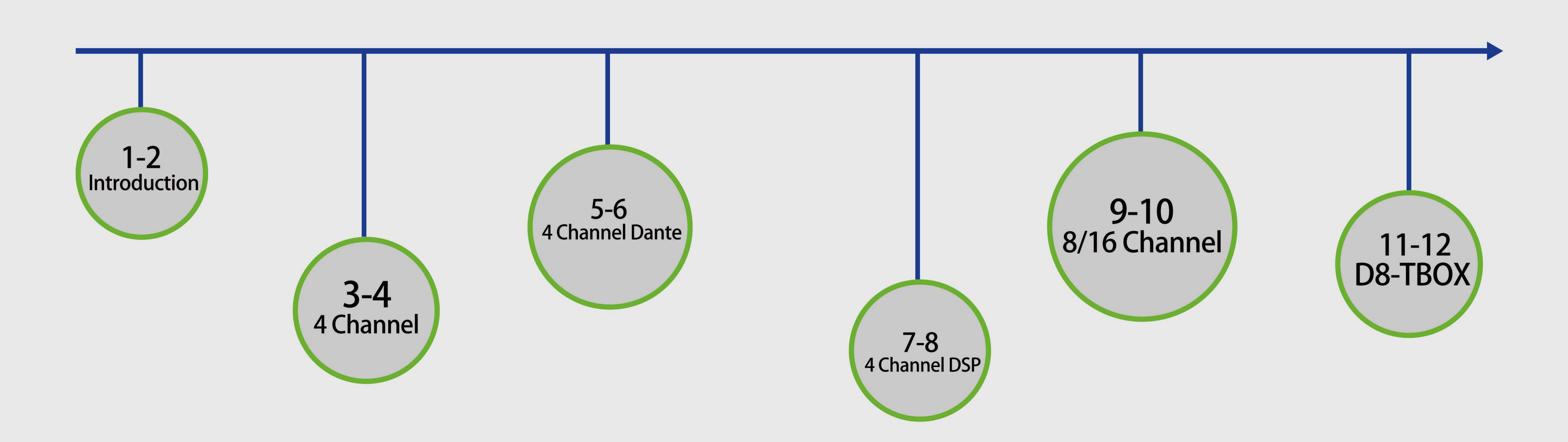
#### **Professional Power Amplifier**





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## 4 Channel Standard Series Features:

Using UMAC<sup>™</sup> technology ensuring the XPower to operate at its maximum performance under any circumstances providing consistency in high-quality sound with power output broadband up to 35Hz. Based on the UREC<sup>™</sup> PFC, complies with ErP(1275/2008), its standby power consumption is less than 0.5 Watt. Meets EMC (Electromagnetic Compatibility) safety certification standards.

(UMAC, UREC Trademake and technical is belong to PASCAL A/S)

### 4 Channel Standard Series Specification

	X2000	X4000	X1
Number of Channels	4 analog input, 4 speaker out		
Input Port	XLRx4		
Output Port	SpeakONx4		
Output Power(1% THD+N,1kHz @ 4Ω)	500W	1000W	2500W
Output Power(1% THD+N,1kHz @ 8Ω)	250W	500W	1750W
Total system efficiency(2 x 250W @ 8Ω)	89% 88%		%
Peak Output Current	30A		
THD+N(typical)	0.003% 0.05%		0.05%
Dynamic Range	120dB(A)		
Signal to Noise-Ratio	>120dB		
8 ohms load,1 kHz and below	>1000		
Idle Noise	40μV(A) 110μV(A)		
Output impedance(1kHz)	14mΩ 11m9		11mΩ
Main input voltage	90VAC-240VAC		
Power Connector	PowerCONx1		
Standby Consumption	0.6W	1.2W	6W
Dimension	483x388x88mm	483x388x88mm	483x469x88mm
Weight	6.3kg	7.1kg	12.4kg



## 4 Channel Dante Series Features:

XPower interchanging 4 analog inputs to 1 Dante network input is our network version of the amplifier **XPower-N** (suffix N). Receives Dante output signal from Xilica's Neutrino, Rio series or other Dante network devices. Why is Dante nowadays topic? With the ever- changing in technology, sound system does not operate as easy as it was in the past. In order to obtain full performance from a sound system, help from other necessary equipment controlled via intranet and extranet are required. Thus, utilizing **Ethernet** for signal transfer is the best option in present audio industry. In terms of sound quality, transmission distance, number of channels, all are way beyond comparison with the traditional signal cabling.

Xilica's Neutrino media matrix series, Rio Dante breakout box, ACX's XPower Dante version amplifier and CS Dante version column speaker are widely welcomed by most population in addition to they all can be connected and controlled via the Solaro software by Xilica.

### 4 Channel Dante Series Specification

	X2000N	X4000N	X1N
Number of Channels	4 Dante Input, 4 SpeakOn Output		
Input Port	RJ45x1		
Output Port	SpeakONx4		
Output power(1% THD+N,1kHz @ 4Ω)	500W	1000W	2500W
Output power(1% THD+N,1kHz @ 8Ω)	250W	500W	1750W
Total system efficiency(2 x 250W @ 8Ω)	89% 88%		3%
Peak Output Current	30A		
THD+N(typical)	0.003% 0.05%		
Dynamic Range	120dB(A)		
Signal to Noise-Ratio	>120dB		
8 ohms load,1 kHz and below	>1000		
Idle Noise	40μV(A) 110μV(A)		110µV(A)
Output impedance(1kHz)	14mΩ 11mΩ		11mΩ
Main input voltage	90VAC-240VAC		
Power Connector	PowerCONx1		
Standby Consumption	0.3W	1.2W	6W
Dimension	483x388x88mm	483x388x88mm	483x469x88mm
Weight	6.1kg	7.1kg	12.6kg





## 4 Channel DSP Series Specification



# 4 Channel DSP Series Features

With **DSP** module inside **XPower**, a 2 in 4 out **XPower–D** (suffix D) is born. The 2 in 4 out **DSP** module by Xilica, holds 40 bit floating point, 96kHz sample rate and 24bit A/D D/A converter. Can be controlled via **XConsole** software with USB or Ethernet.

		X2000D; X4000D, X1D	X2000D4; X4000D4, X1D4		
	Number of Channels	2 analog input, 4 speaker output	4 analog input, 4 speaker output		
	Input Port	3-pin XLR	Phoenix		
	Input Impedance	>10	)ΚΩ		
	Maximum Level	+20	)dBu		
	Freq Response	+/- 0.1dB (20	+/- 0.1dB (20 to 30kHz)		
	Dynamic Range	115dB typical (unweighted)			
	CMMR	>40dB (20 to 10kHz)			
	Crosstalk	< -100dB			
	Distortion	0.002% (1kHz @+4dBu)			
	Processor(DSP)	40-Bit Floating Point			
	Sampling Rate	96k	Hz		
	Analog Converters	Super Performance 24-bit			
	Propogation Delay	1.5	ms		
	Gain	-40 to +15dB in 0	.25dB steps		
	Polarity	+/			
	Delay	Up to 40ms	per I/O		
	Variable EQ	8 per	I/O		
	Type	Parametric, Hi-shelf, Lo-shelf,	Phase(1st and 2nd order)		
	EQ Gain	-30 to +15dB in 0.25dB steps			
	EQ Bandwidth	0.02 to 2.50 Oct (	Q=0.5 to 72)		
Crossover Type  Slope  Butterworth, Lin 6 to 48			z Riley, Bessel		
			Octave		
	Compressors/Limiters	1 Compressor per input channel, 1 Limiter per output channel			
	Threshold				
	Attack				
	Release 2 to 32x the attack time Ratio 1:1 to 1:40 (Compressor Only)		attack time		
			pressor Only)		
Number of Presets  Delay Units  30  ms,ft,m		30			
		ft,m			
	Frequency Modes				
	Security locks				
	Channel names 6 Characters				
	Display	2 x 16 Characters Backlit LCD			
	Buttons	4 Mute/Channel Controls, 6 System Menu Controls, 1 Dial Encode			
	USB	Type B			
	Ethernet	Standard	CAT-5		
	Dimensions	X2000D: 483x388x88mm X4000D: 483x388x88mm X1D: 483x469x88mm	X2000D4: 483x388x88mm X4000D4: 483x388x88mm X1D4: 483x469x88mm		
	Weight	6.5kg; 7.5kg; 12.4 kg	6.6kg; 7.6kg; 12.6 kg		

# 8/16 Channel Standard Series Features

**D8250** and **D8120** are professional amplifier holding 8-channels Class D switching power supply, impedance of 4 Ohm, power in 250 Watt and 120 Watt. The **D1660** is a 16-channel amplifier, power of 60 Watt 4 Ohm impedance. Practically speaking, they are simple and easy to install, and can offer a perfect solution for multi-zone.

All input and output ports use the Phoenix interface to balance the input signal. Each channel has an independent volume knob and a switch which can select stereo / bridge to avoid signal interference when assigning input signals.

Built-in secure system, when the protection light glows, enters protection mode: preventing short circuit, overheating, overload and limiting the signal output.

## 8/16 Channel Standard Series Specification

	D8500	D8120	D1660	
Number of Channels	8 analog input, 8 speaker out 16 analog input, 16 speaker out			
Input Port	Phoenix			
Output Port	Phoenix			
Output power(1% THD+N, 1kHz @ 4Ω)	500Wx8	120Wx8	60Wx16	
Output power(1% THD+N, 1kHz @ 8Ω)	250Wx8	60Wx8	30Wx16	
Total system efficiency(2 x 250W @ 8Ω)	89%	89% 88%		
Peak Output Current	30A	9.2A		
THD+N(tyoical)	0.003%	0.1%		
Dynamic Range	120dB(A)	120dB(A) 110dB(A)		
Idle Noise	40µV(A)	100µV(A)		
Output impedance (1kHz)	14mΩ	200mΩ		
Main input voltage		90-240V		
Power Connector	PowerCONx1 IEC			
Standby Consumption	1.2W	1	1	
Dimension 483	33x417.5x88mm 483x325x88mm 483x325x88mm		483x325x88mm	
Weight	7.1kg	8.5kg	8.6kg	





## D8-TBOX Features

The **D8–TBox** is a line transformer unit, consisting of eight toroidal line transformers, allowing low–impedance power amplifiers to be used for powering large public address audio systems with constant voltage levels of 100 Volt, 70 Volt and 50 Volt.

Each line transformer has a rated power of 120 Watt, with an input impedance selectable between 4 Ohm and 8 Ohm. The secondary side of the transformer has power taps for use in 100 Volt,

70 Volt and 50 Volt audio distribution systems.

The line transformer is housed in a solid 19" rack mounting with a height of two units rackspace. The connectors for both in and output are performed using reliable Euro – Terminal blocks.

## D8-TBOX Specification

D8-	-TI	<b>B</b> 0	X
	10 10		

Output Power	8x120W
Output Tap @ 100V	83.3Ω
Output Tap @ 70V	41.7Ω
Output Tap @ 50V	20.8Ω
Freq Response	20Hz-20kHz
19"Unit Height	<b>2</b> U
Dimension	482x322x88mm
Weight	21kg

