KEY FEATURES

- Powered ultra low frequency subwoofer system
- 2 x 3400 W Class D amplifier
- DASnet™ remote monitoring and control capable
- Twin 21" Neodymium loudspeakers with 6" voice coils
- Solid 21 mm Birch plywood construction
- Impressive 60 mm peak-to-peak excursion

APPLICATIONS

- House of worship
- Theatres, auditoria and performing arts centers
- Live music clubs
- Corporate A/V
- Live sound touring/Rental services

DESCRIPTION

The UX-221A make use of two 21" loudspeakers with impressive specifications. The 21UXN loudspeakers are equipped with 6" voice coils, a remarkable 60 mm peak to peak excursion, and powerful neodymium magnet assemblies. Efficient ventilation of the voice coil gap provides for a high thermal rating, and reduced power compression.

The UX-221A amplifier offers 2 x 3400 W and incorporates the latest in Class D power amplification. A high efficiency, low consumption universal power supply with Power Factor-Correction (PFC) allows for fail safe use worldwide. State of the art electronic design such as the fixed frequency switch mode output stage provides for the highest grade of audio accuracy. A comprehensive set of "smart" protections include thermal, over current, short circuit and overload on the output, clip limiter and high frequency protection keeping the amp and acoustic components safe.

The enclosure is constructed using 21 mm Birch plywood and makes use of extensive bracing to eliminate resonances. The woodwork is finished with the robust DAS ISO-flex protective coating for durability. A dolly platform with locking casters denominated the PL 221S is offered to stack and move the systems. Protection during transport is provided by the optional covers available from DAS.

SPECIFICATIONS

Performance

Frequency Range (-10 dB)	28 Hz - 125 Hz
Maximum Peak SPL at 1 m	145 dB

Electronics and Connectors

Nominal Amplifier Power (continuous)	2 x 3400 W
Nominal Amplifier Power (peak)	2 x 6800 W
Input Type	Balanced
Input Impedance	20 kohms
Input Sensitivity	4.9 V (+16 dBu)
Audio Signal Input Connector	1 x Female XLR
Audio Signal Loop Thru Connector	1 x Male XLR
Audio/Data Input Connector	etherCON
Control	DASnet™
Audio + Data Loop Thru Connector	etherCON
AC Input Connector	powerCON TRUE1
Operating Range	90-250 VAC
Current Draw 115 V	18.4 A
Current Draw 230 V	9.2 A

Enclosure

Enclosure Construction	Birch Plywood
Enclosure Geometry	Rectangular
Rigging	M10 Rigging Points

Finish	ISO-flex Paint
Color	Black
Dimensions (H x W x D)	615 x 1.195 x 1.100 mm 24,2 x 47,0 x 43,3 in
Net Weight	150,0 kg (330,7 lb)

Components

LF Driver	21UXN

Shipping

Carton Dimensions (H x W x D)	800 x 1.260 x 1.200 mm 31,5 x 49,6 x 47,2 in
Shipping Weight	182,0 kg (401,2 lb)

ORDERING INFORMATION

Performance

Model	Description	P/N
System		
UX-221A	Powered Subwoofer	10424860
Replacement Parts		
21UXN	Transducer	20208810
DIGIMOD-3000	Amplifier	30008115
GM-21UXN	Recone Kit	20208480
KIT-DSP-UX-221A	Dsp	20406561
MP-UX-221A	Power Module	30006396
Accessories		
ANL-2	Rigging Accessories	10101020
EC-09	Electronic Accessories	20502110
EC-2	Electronic Accessories	20502120
EC-20	Electronic Accessories	20502130
EC-30	Electronic Accessories	20502140
ECP-20	Electronic Accessories	20502080
ECP-3	Electronic Accessories	20502060
ECP-30	Electronic Accessories	20502070
ECPK-1	Electronic Accessories	20502090
ECPK-20	Electronic Accessories	20502180
ECPK-5	Electronic Accessories	20502100
FUN-2-UX221	Transport Accessories	10103690
PL-221S	Transport Accessories	10113210
PLINK1-09	Electronic Accessories	20502150
PWCONLINK-09	Electronic Accessories	20502210

DIMENSIONS