

系统功率放大器

MA-4.100

用于固定安装的紧凑型系统放大器，4 × 65 W，1 U，9.5英寸



Analog

AES/EBU

AIREA[®]

Dante™

系统放大器 MA-4.100

MA-4.100 是一个紧凑的4通道数字功率放大器，用于媒体应用和小型音响系统解决方案。带有4×4矩阵的DSP放大器是理想的选择，例如装备会议室和培训室，以及安装在媒体支架上。它可以通过RS-485轻松地集成到媒体控制中，并通过USB-C插座毫不费力地配置到Fohhn Audio Soft。



Main features

- 4 × 100 W峰值/4欧姆
- 有两种型号。带有模拟输入 (MA-4.100 ANA) 或Dante 输入 (MA-4.100 DAN)
- 紧凑的尺寸：9.5英寸/1U，170毫米安装深度
- 包括机架的安装支架
- 每个输入通道都有可切换的幻象电源
- 两个可自由编程的开关触点
- 与FohhnAirea 连接
- 可以通过Fohhn网进行远程操作和控制
- Q-SYS插件可用于Fohhn NA-4 或 ABX-6。
- 温度控制，低噪音风扇
- Auto Power Save 以满足最低的待机功率要求
- Fohhn扬声器预设确保最大的安全性、可靠性和卓越的音质



有以下颜色可供选择



配备了以下Fohhn技术



傅汉文Airec



Fohhn DSP 内幕



自动省电模式



电源均分

该产品可能的输入接口

Analog

AES/EBU

AIREA

Dante

技术数据

Physical features	
dimensions (w × h × d)	1 U / 1/2 19", 211 × 45 × 170 mm
weight	1.2 kg
Electronic features	
amplifier technology	Class D
amplifier outputs	4
DSP routing (matrix)	4 × 4
frequency response	20 Hz – 20 kHz
signal/noise ratio	> 103 dB/A
THD+N	0,08% (1 kHz, 8 ohms, 3 dB below clipping)
dynamic range	> 120 dB
password protection	yes
auto power save	adjustable from 1 s to 12 h, or never active
protective circuit	over voltage protection, over current protection, over temperature protection, short-circuit protection, DC protection, power on delay, soft start and inrush current limit
power supply	100 – 240 V AC 50/60 Hz, universal power supply with Power Factor Correction (PFC)
power consumption	maximum 300 W, idle state 7 W, Auto Power Save 2 W, standby 2 W
heat dissipation	max. 15 W, 51 BTU/h, 13 kcal/h
temperature range	0 – 40 °C
cooling	temperature-controlled fan
output power	4 × 65 W / 4 ohms, 4 × 35 W / 8 ohms (1 kHz, THD+N
minimum impedance	4 ohms
input channels	4

Controller	
digital signal processors	1
independent limiters	20
FIR filter	yes
input gain	-80 dB – +12 dB
routing gain	-80 dB – +12 dB
output gain	-80 dB – +12 dB
EQ	8 × 10 fully parametric filters, gain +/-12 dB, frequency 10 Hz – 20 kHz, Q 0.1 – 100
selective 3-band limiting	bass / mid / high
limiter / compressor	8
noise gate	8
delay	4 × 0 – 145 ms (0 – 50 m) outputs, 4 × 0 – 30 ms (0 – 10 m) inputs
X-over	8 × Linkwitz/Riley 4th order, 24dB/oktave, highpass 10 Hz – 20 kHz, lowpass 10 Hz – 20 kHz
user presets	100
speaker presets	100
system latency	1.2 ms
band-specific time constants	yes
filter technology	80-bit double precision
input	Analog or DANTE 32 kHz – 96 kHz, 16/24 bit, AES/EBU
input DSP processing	yes

Remote control and remote monitoring	
remote control	Fohhn Net over RS-485, Fohhn Audio Soft, USB-C
remote monitoring	temperature, protect, signals, power supply, Fohhn Net, Fohhn Audio Soft
switching contact	load preset, standby on / off

Display (front)	
ready LED	blue = power on, blue flashing = sign
protect LED	red = error / protect / standby
USB Config LED	blue = host, remote control over USB

Connections and controls	
mains connection	1 × C14 IEC socket
switching contact 1 and 2	1 × Phoenix 3-pin
Airea Net	1 × RJ45
outputs	1 × Phoenix 8-pin, max. 3.3 mm ² flexibel, 3.3 mm ² rigid
USB Config	1 × USB-C socket

Display (rear)

receive / send LED	remote control, Fohhn Net
--------------------	---------------------------

Input interface analog

inputs	4 × analog
signal inputs	analog, max. signal +18 dBu, phantompower (24 V DC) switchable
THD	
S/N ratio	> 108 dB/A
latency	1,0 ms
frequency response	20 Hz – 20 kHz
input impedance	10 kOhms

重量：不含可选设备的净重
散热：粉红噪声，6dB波峰，1/4 Pmax

输入接口 Dante (DAN)

Input interface Dante (DAN)	
inputs	1 × RJ-45 100BASE-T Ethernet, Dante, 4 × 48 kHz
latency	Dante + 0.6 ms
support for AES67	yes



Fohhn Audio AG
Großer Forst 15
72622 Nuertingen
德国

电话 +49 7022 93323-0
传真 +49 7022 93324-0
www.fohhn.com
info@fohhn.com

