

STUDIO GEAR

highlights



Palmer®
be true to your sound



be true to your sound.

Welcome to Palmer®

Palmer® began as a small German custom manufacturing company and has since become a renowned international brand for audio engineers and musicians. Since 1980, we have been crafting professional audio tools for use on stage, in broadcast, and in recording studios.

Our wide range of products include speaker simulators for tone enthusiasts, innovative pedalboards and power supply systems, studio monitors, monitor controllers, and reliable audio tools like DI boxes, line isolators, splitters and mergers.

Our dedication to pristine audio signal integrity, accuracy and attention to detail is our hallmark, all while following the motto:

Be true to your sound.



MONICON® SERIES	4
ORBIT 11	6
STUDIMON	8
RIVER SERIES	10
DELTA SERIES	12
BRIDGE SERIES	14
CLASSICS	16



MONICON® SERIES

analogue monitor controllers



The **MONICON® SERIES** offers high-quality analogue monitor controllers to suit studios of any size – from compact desktop setups to fully equipped control rooms. The range consists of four models: the ultra-compact MONICON S, the versatile MONICON M, the feature-rich MONICON L with Bluetooth input, and the MONICON XL, which also includes a built-in talkback microphone for seamless communication during recording sessions. While each model is tailored to specific workflow needs

and setups, they all share the same consistent design language, robust construction, and a fully analogue signal path for transparent, uncolored sound. At the core of every MONICON is the signature large-volume knob, providing precise, tactile control over monitor levels. Whether you're mixing, mastering, or managing playback in professional studio environments, the **MONICON SERIES®** delivers reliable daily performance and integrates effortlessly into any workflow.



MONICON® S

passive volume controller

Item No.	PMONICONSG2(G)
Output	Unbalanced
Number of Inputs	1x Stereo
Input connectors	RCA
Number of outputs	1x Stereo
Output connectors	RCA
Dimensions (WxHxD)	86 x 39 x 66 mm



MONICON® M

passive studio volume controller

Item No.	PMONICONMG2(G)
Output	Balanced/unbalanced
Number of Inputs	1x Stereo
Input connectors	XLR combo or 3.5 mm TRS
Number of outputs	1x Stereo
Output connectors	XLR or 3.5 mm TRS
Dimensions (WxHxD)	160 x 62 x 106 mm



MONICON® L

active / passive studio monitor controller

Item No.	PMONICONLG2(G)
Output	Balanced
Number of inputs	3x Stereo
Input connectors	XLR combo, AUX and Bluetooth
Number of outputs	3x Stereo, 1x Mono
Output connectors	XLR
Dimensions (WxHxD)	218 x 76 x 124 mm



MONICON® XL

active studio monitor controller

Item No.	PMONICONXL
Output	Balanced/unbalanced
Number of Inputs	3x Stereo
Input connectors	6.3 mm jack; AUX or SPDIF
Number of outputs	3x Stereo, 1x Mono
Output connectors	6.3 mm jack
Dimensions (WxHxD)	254 x 84 x 215 mm



ORBIT 11

active coaxial 3-way studio monitor



The **ORBIT 11** is an active, coaxial 3-way studio monitor designed for accurate and confident decision-making in professional production environments. Built for engineers, producers, and creators who depend on truthful, full-bandwidth reproduction, it delivers precise imaging, stable spatial detail, and a controlled low end that reaches down to 28 Hz. Its true point-source coaxial design and impulse-compensated dual woofers work together to provide clarity, depth, and balance across the entire frequency range.

A high-resolution 96 kHz / 24-bit DSP with linear-phase FIR processing ensures perfect time and phase alignment, while the cardioid acoustic design reduces unwanted room interaction and preserves focus even in challenging placements. Combined with a rigid, die-cast aluminium enclosure, the **ORBIT 11** remains uncoloured and reliable at any listening level — a dependable reference for those who truly listen.



ORBIT 11 (W)

active coaxial 3-way studio monitor

- ▶ 28 Hz–28 kHz (-3 dB) frequency response
- ▶ 6.5" + 1" coax true point source
- ▶ 2 × 8" woofer
- ▶ 96 kHz / 24-Bit DAC & DSP
- ▶ die-cast aluminium housing

Item No.	PORBIT11 (W)
Analogue Inputs	1 × XLR
Digital Inputs	1 × XLR (AES3)
Digital Output	1 × XLR (AES3 Thru)
LF driver dimensions	2 × 8" (Impulse-Compensated)
MF/HF driver dimensions	6.5" + 1" (Coax)
Nominal dispersion	120° × 120°
Amplification	1000 W peak / 400 W RMS
Max. SPL	116 dB
Dimensions (WxHxD)	217 × 293 × 292 mm





STUDIMON

powered 5" nearfield studio monitor



When producing and mixing your music or editing your videos you'll need studio monitors with absolutely honest sound reproduction where all elements can be heard separately from each other. The **STUDIMON 5** nearfield studio monitors offer accurate sound reproduction, two 30-watt class AB power bi-amplifiers and an elegant design that seamlessly complements every studio environment — even at home.

With its 3/4" silk dome tweeter, you'll hear every detail in the stereo field of your mix up to 20 kHz. The magnetically shielded 5" woofer and, rear bass-reflex aperture will give you deep and defined bass frequencies down to 50 Hz. This is all you need to make your low end clear and pop out on most consumer systems, including smartphones.



reddot winner 2020



STUDIMON 5

powered 5" nearfield studio monitor

- ▶ 60-W RMS bi-amping power amplifier
- ▶ Balanced XLR and 6.35 mm stereo jack input
- ▶ Elegant and robust housing
- ▶ Rear bass-reflex aperture
- ▶ Compact design

Item No.	PSTUDIMON5
Low/mid Woofer dimensions	5"
HF driver dimensions	0.75"
Amplifier	Class A/B
System Power (RMS)	2 x 30 W
Frequency response	70 – 20000 Hz (-3dB)
Dimensions (WxHxD)	190 x 268 x 215 mm





RIVER SERIES

DI boxes | interfaces | line isolation boxes
merge & split boxes | guitar tools



The **RIVER SERIES** by Palmer represents a top-tier lineup of audio tools that expertly combine sophisticated design, practical functionality, and advanced technology. Featuring a diverse range of passive and active devices — including DI boxes, line isolators, splitters, interfaces, and summing units — the series is tailored to meet the needs of both stage and studio professionals. Built with durable metal enclosures and high-quality compo-

nents, the **RIVER SERIES** is designed for exceptional reliability and longevity. Its robust construction ensures stable operation even in demanding environments, while maintaining crystal-clear signal integrity. Whether used in complex live sound set-ups or precise studio applications, the **RIVER SERIES** delivers outstanding performance and versatility, embodying Palmer's commitment to professional audio excellence.

di boxes



WIPPER

passive DI box

Item No.	PWIPPER
Type	Passive
Channels	1
Max. input level (< 1% THD, 1 kHz)	+32 dBu
THD (1 kHz, +4 dBu, unity, unweighted)	< 0.0007 %
Dimensions (WxHxD)	140 x 50 x 68 mm



ELDE

passive 2-channel DI box

Item No.	PELDE
Type	Passive
Channels	2
Max. input level (< 1% THD, 1 kHz)	+32 dBu
THD (1 kHz, +4 dBu, unity, unweighted)	< 0.002 %
Dimensions (WxHxD)	140 x 50 x 128 mm



MOSEL

active DI box

Item No.	PMOSEL
Type	Active
Channels	1
Max. input level (< 1% THD, 1 kHz)	+21 dBu
Max.TH+D+N (1 kHz, +4 dBu, unity, unweighted)	0.006 %
Dimensions (WxHxD)	140 x 50 x 128 mm



HAVEL

active DI box

Item No.	PHAVEL
Type	Active
Channels	1
Max. input level (< 1% THD, 1 kHz)	+9.5 dBu
Max.TH+D+N (1 kHz, +4 dBu, unity, unweighted)	0.0017 %
Dimensions (WxHxD)	140 x 50 x 68 mm

line isolators



PILLER

passive line isolation box with combo input

Item No.	PILLER
Type	Passive
Channels	1
Max. input level (< 1% THD, 1 kHz)	+32 dBu
THD (1 kHz, +4 dBu, unity, unweighted)	< 0.002 %
Dimensions (WxHxD)	110 x 50 x 50 mm



WUPPER

passive line isolation box

Item No.	PWUPPER
Type	Passive
Channels	1
Max. input level (< 1% THD, 1 kHz)	+32 dBu
THD (1 kHz, +4 dBu, unity, unweighted)	< 0.002 %
Dimensions (WxHxD)	110 x 50 x 50 mm

interface



LAHN

2x2 I/O Dante® interface

Item No.	PLAHN
Input connectors	2x XLRf
Output connectors	2x XLRm
Gain	-15 dB, 0 dB, +15 dB, +30 dB
Line Outputs	2 balanced line level with auto mute relay
Dimensions (WxHxD)	140 x 50 x 128 mm



merge & split boxes



TAUBER

passive microphone mergebox

Item No.	PTAUBER
Type	Passive
Channels	1
Inputs	2 balanced XLR
Outputs	1 balanced XLR
Dimensions (WxHxD)	140 x 50 x 68 mm



PEENE

passive 2-channel line splitter

Item No.	PPEENE
Type	Passive
Channels	2
Max. input level ($< 1\%$ THD, 1 kHz)	+32 dBu
THD (1 kHz, +4 dBu, unity, unweighted)	$< 0.02\%$
Dimensions (WxHxD)	140 x 50 x 128 mm

guitar tools



TRAVE

passive re-amplification box

Item No.	PTRAVE
Type	Passive
Channels	1
Max. input level ($< 1\%$ THD, 1 kHz)	+32 dBu
THD (1 kHz, +4 dBu, unity, unweighted)	$< 0.003\%$
Dimensions (WxHxD)	140 x 50 x 68 mm



ILM

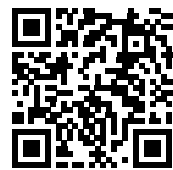
passive speaker simulation DI box

Item No.	PILM
Type	Passive
Channels	1
Max. input level ($< 1\%$ THD, 1 kHz)	+32 dBu
THD (1 kHz, +4 dBu, unity, unweighted)	$< 0.009\%$
Dimensions (WxHxD)	140 x 50 x 68 mm



DELTA SERIES

4-channel passive mic/line splitter with audio-over-cat



The **DELTA SERIES** is a professional range of passive 4-channel microphone and line splitters designed for seamless signal distribution in demanding audio environments. Consisting of the **DELTA 4PM** (mic-level) and **DELTA 4PL** (line-level) models, the series enables clean, transformer-isolated signal routing without the need for external power. Each channel features one THRU output and two galvanically isolated XLR outputs, ensuring optimal impedance matching, noise-free

operation, and ground loop elimination. Fully compliant with the AES72 Type 5E standard, all four channels can also be routed via a single Cat cable for streamlined integration into Audio-over-Cat (AoC) infrastructures. Housed in rugged 1U 19-inch enclosures with reversible rack ears, the **DELTA SERIES** is built for both fixed installations and mobile use—ideal for live sound, studio, and broadcast applications where reliability and clarity are paramount.



DELTA 4PM

4-channel passive microphone splitter with audio-over-cat

Item No.	PDELTA4PM
Type	Passive
Split type	1 in 2 + 1
Number of channels	4
Max. input level (< 1% THD, 1 kHz)	+4 dBu
Frequency response (± 0.5 dB, relative 1 kHz)	20 Hz – 20 kHz
Audio over Cat	Yes
Dimensions (WxHxD)	483 x 44 x 176 mm



DELTA 4PL

4-channel passive line splitter with audio-over-cat

Item No.	PDELTA4PL
Type	Passive
Split type	1 in 2 + 1
Number of channels	4
Max. input level (< 1% THD, 1 kHz)	+20 dBu
Frequency response (± 0.5 dB, relative 1 kHz)	20 Hz – 20 kHz
Audio over Cat	Yes
Dimensions (WxHxD)	483 x 44 x 176 mm



BRIDGE SERIES

19" DI boxes



The **BRIDGE SERIES** from Palmer is a professional-grade range of 19-inch rack-mounted DI boxes and line isolators, engineered to ensure flawless sound transmission in any audio setup. Designed for versatility, each model in the series can convert unbalanced to balanced signals while eliminating ground loops through high-quality transformers. With options for active and passive designs, the **BRIDGE**

SERIES offers features such as multiple independent channels, ground-lift switches, and audio-over-cat (AoC) outputs, enabling seamless transmission of audio signals over a single Cat cable. This makes them ideal for live sound, studio environments, or large event setups, all while maintaining Palmer's hallmark durability and reliability.



BRIDGE 4A

19" DI box, 4 channels, active

Item No.	PBRIDGE4A
Type	Active
Input connectors	6.3 mm jack
Output connectors	RJ45, XLR
Max. input level (< 1% THD, 1 kHz)	+ 23 dBu
Frequency response (± 0.5 dB, relative 1 kHz)	20 Hz – 20 kHz
Audio over Cat	Yes
Dimensions (WxHxD)	19" x 44 x 90 mm



BRIDGE 4A+

19" DI box / line isolation box, 4 channels, active

Item No.	PBRIDGE4APLUS
Type	Active
Input connectors	6.3 mm jack, XLR
Output connectors	RJ45, XLR
Max. input level (< 1% THD, 1 kHz)	+16 dBu
Frequency response (± 0.2 dB, relative 1 kHz)	20 Hz – 20 kHz
Audio over Cat	Yes
Dimensions (WxHxD)	19" x 44 x 90 mm



BRIDGE 4P

19" DI box, 4 channels, passive

Item No.	PBRIDGE4P
Type	Passive
Input connectors	6.3 mm jack
Output connectors	RJ45, XLR
Max. input level (< 1% THD, 1 kHz)	+ 25 dBu
Frequency response (± 0.1 dB, relative 1 kHz)	20 Hz – 20 kHz
Audio over Cat	Yes
Dimensions (WxHxD)	19" x 44 x 90 mm





CLASSICS

proven quality for today



PAN 01
DI box, passive

Item No.	PAN01
Type	Passive
Input connectors	1x 6.3 mm jack
Output connectors	1x 6.3 mm jack, XLR
Max. output level	+ 4 dBu
Frequency response (± 0.5 dB, relative 1 kHz)	20 Hz – 20 kHz
Transformer balanced	Yes
Dimensions (WxHxD)	110 x 42 x 73 mm



PAN 02
DI box, active

Item No.	PAN02
Type	Active
Input connectors	1x 6.3 mm jack
Output connectors	1x 6.3 mm jack, XLR
Max. output level	+ 10 dBu
Frequency response (± 0.5 dB, relative 1 kHz)	20 Hz – 20 kHz
Transformer balanced	Yes
Dimensions (WxHxD)	110 x 42 x 73 mm



PAN 04

DI box 2-channels, passive

Item No.	PAN04
Type	Passive
Input connectors	2x 6.3 mm jack
Output connectors	2x 6.3 mm jack, XLR
Max. output level	+ 4 dBu
Frequency response (±0.5 dB, relative 1 kHz)	10 Hz – 40 kHz
Transformer balanced	Yes
Dimensions (WxHxD)	110 x 45 x 110 mm



PAN 04 A

DI box 2-channels, active

Item No.	PAN04A
Type	Active
Input connectors	2x 6.3 mm jack
Output connectors	2x 6.3 mm jack, XLR
Max. output level	+ 11 dBu
Frequency response (±0.5 dB, relative 1 kHz)	10 Hz – 40 kHz
Transformer balanced	Yes
Dimensions (WxHxD)	116 x 45 x 110 mm



PAN 16

19" DI box 8 channels, passive

Item No.	PAN16
Type	Active
Input connectors	8/16x 6.3 mm jack
Output connectors	6.3 mm jack, XLR
Max. output level	+ 4 dBu
Frequency response (±0.5 dB, relative 1 kHz)	20 Hz – 20 kHz
Transformer balanced	Yes
Dimensions (WxHxD)	19" x 45 x 200 mm





PDI 06 L 08

power attenuator 8 ohms

Item No.	PDI06L08
Input type	Unbalanced
Channels	1
Output type	Unbalanced
Dummy load impedance	8 ohms
Max. load	120 W



HDA 02

reference class headphone amplifier – 1-channel

Item No.	PHDA02
Input connectors	2x 6.3 mm jack, 2x XLR
Input impedance	(balanced) 20 k ohm(s), (unbalanced) 10 k ohm(s)
Outputs	2x 6.3 mm jack, 2x XLR
Minimum connected impedance	2 x 8 ohms



Want to know more about
our products? **Visit our blog!**
palmer-germany.com/blog



palmer-germany.com



Palmer.Germany



palmer_germany



PalmerGermany