

AUDIO TOOLS

highlights

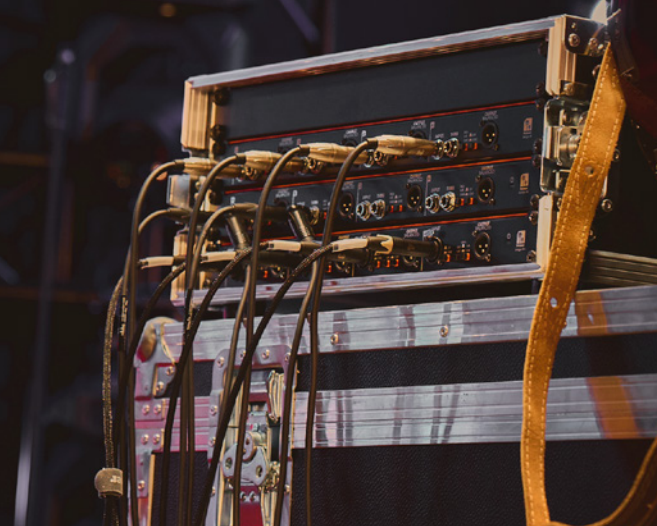


two channel DI-box
passive

elde
Palmer®



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.





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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 setups 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



INN

active 2-channel DI box

Item No.	PINN
Type	Passive
Channels	2
Max. input level ($< 1\%$ THD, 1 kHz)	-11 dBu
Max. THD+N (1 kHz, +4 dBu, unity, unweighted)	0.0013 %
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. THD+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. THD+N (1 kHz, +4 dBu, unity, unweighted)	0.0017 %
Dimensions (WxHxD)	140 x 50 x 68 mm

interfaces



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

line isolators



NAAB

passive 2-channel media DI box

Item No.	PNAAB
Type	Passive
Channels	2
Max. input level ($< 1\%$ THD, 1 kHz)	+ 32 dBu
THD (1 kHz, - 10 dBV, unity, unweighted)	$< 0.0008\%$
Dimensions (WxHxD)	140 x 50 x 98 mm



KYL

passive 2-channel line isolation box

Item No.	PKYLL
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 98 mm



VILS

1-channel merge line isolation box

Item No.	PVILS
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



ENZ

2-channel unbalanced line isolation box

Item No.	PENZ
Type	Passive
Channels	2
Max. input level ($< 1\%$ THD, 1 kHz)	+ 32 dBu
THD (1 kHz, - 10 dBV, unity, unweighted)	$< 0.003\%$
Dimensions (WxHxD)	140 x 50 x 68 mm



ILLER

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

merge & split



TAUBER

passive microphone merge box

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



MAIN

passive 2-channel line merger

Item No.	PMAIN
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



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



SAAR

active guitar splitter Y-box

Item No.	PSAAR
Type	Active
Channels	1
Max. input level ($< 1\%$ THD, rel. 1 kHz)	+ 24 dBu
Max. THD+N (1 kHz, +4 dBu, unity, unweighted)	0.0005 %
Dimensions (WxHxD)	140 x 50 x 98 mm



TRAVE

passive re-amplification box

Item No.	PTRAVE
Type	Active
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	Active
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

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





AoC SERIES

Audio over Cat adapters



The **AoC SERIES** offers a versatile and high-quality solution for audio transmission via standard network cables. Developed for professional requirements at live events, studio sessions and productions, the AoC products enable stable transmission of analogue and digital audio signals as well as DMX and MIDI control signals. Equipped with robust Neutrik components and a solid aluminium-steel housing,

the AoC boxes and looms stand for reliability and durability in tough everyday use. Thanks to the practical ground lift switch and the option of transmitting 48-volt phantom power, the AoC products combine flexibility and functionality. This series offers a good alternative to conventional multicores without compromising on audio quality.



AoC Box XLRf

Audio over Cat box from etherCON to 4 x XLR female

Item No.	PAOCBXLRf
Input connector	RJ45
Number of outputs	4 (balanced)
Output connector	XLR 3-pin female
Number of LINK outputs	4 (via RJ45 THRU)
Ground lift switch	Yes (for RJ45 THRU)
Dimensions (WxHxD)	140 x 50 x 128 mm



AoC Box XLRm

Audio over Cat box from etherCON to 4 x XLR male

Item No.	PAOCBXLRm
Input connector	RJ45
Number of outputs	4 (balanced)
Output connector	XLR 3-pin male
Number of LINK outputs	4 (via RJ45 THRU)
Ground lift switch	Yes (for RJ45 THRU)
Dimensions (WxHxD)	140 x 50 x 128 mm



AoC Loom XLRf

Audio over Cat loom from etherCON to 4 x XLR female

Item No.	PAOCLXLRf
Number of inputs	4 (balanced)
Input connector	RJ45
Number of outputs	4 (balanced)
Output connector	XLR female
Cable Length	0.5 m
Dimensions (WxHxD)	80 x 45 x 45 mm



AoC Loom XLRm

Audio over Cat loom from etherCON to 4 x XLR male

Item No.	PAOCLXLRm
Number of inputs	4 (balanced)
Input connector	RJ45
Number of outputs	4 (balanced)
Output connector	3 pin XLRm
Cable Length	0.5 m
Dimensions (WxHxD)	80 x 45 x 45 mm



AoC Loom TRSm

Audio over Cat loom from etherCON to 4 x 6.3 mm TRS jack

Item No.	PAOCLTRSm
Number of inputs	4 (balanced)
Input connector	RJ45
Number of outputs	4 (balanced)
Output connector	6.35 mm TRS stereo jack
Cable Length	0.5 m
Dimensions (WxHxD)	80 x 45 x 45 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





RMMS

4-channel microphone splitbox

Item No.	PRMMS
Split type	1 in 2 +1
Channels	4
Max. input level	+ 4 dBu
Number of split-outputs per channel	2
Dimensions (WxHxD)	19" x 44.5 x 165 mm



RMLS

4-channel line splitbox

Item No.	PRMLS
Split type	1 in 2 +1
Channels	4
Max. input level	+ 20 dB
Number of split-outputs per channel	2
Dimensions (WxHxD)	19" x 44.5 x 165 mm



RMMS 8

8-channel microphone splitter

Item No.	PRMMS8
Split type	1 in 1 +1
Channels	8
Max. input level	+ 5 dBu
Number of split-outputs per channel	1
Dimensions (WxHxD)	19" x 44.5 x 73 mm



PB 10

10-channel press patch box

Item No.	PPB10
Split type	1 in 10
Channels	1
Max. input level	+ 20 dB
Number of split-outputs per channel	10
Dimensions (WxHxD)	19" x 45 x 205 mm



PB 20

20-channel press patch box

Item No.	PPB20
Split type	1 in 20
Channels	1
Max. input level	+ 20 dB
Number of split-outputs per channel	20
Dimensions (WxHxD)	19" x 135 x 200 mm



PB 20 S

press patch box

Item No.	PPB20S
Split type	2 in 10 + 10
Channels	2
Max. input level	+ 20 dB
Number of split-outputs per channel	10
Dimensions (WxHxD)	19" x 135 x 200 mm



DMS

dynamic mic switcher

Item No.	PEDMS
Type	Passive, 1 in 2
Outputs	2x XLR
Inputs	1x XLR
Controls	Footswitch, ground lift
Dimensions (WxHxD)	100 x 60 x 120 mm



ABO

balanced line output switcher

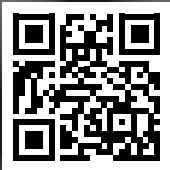
Item No.	PEABO
Switching function	Output switcher
Outputs	2x XLR
Inputs	1x XLR
Controls	Footswitch, ground lift, input pad, output pad
Dimensions (WxHxD)	100 x 60 x 120 mm



ABI

balanced line input switcher

Item No.	PEABI
Switching function	Input switcher
Outputs	1x XLR
Inputs	2x XLR
Controls	Footswitch, ground lift, input pad, output pad
Dimensions (WxHxD)	100 x 60 x 120 mm



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