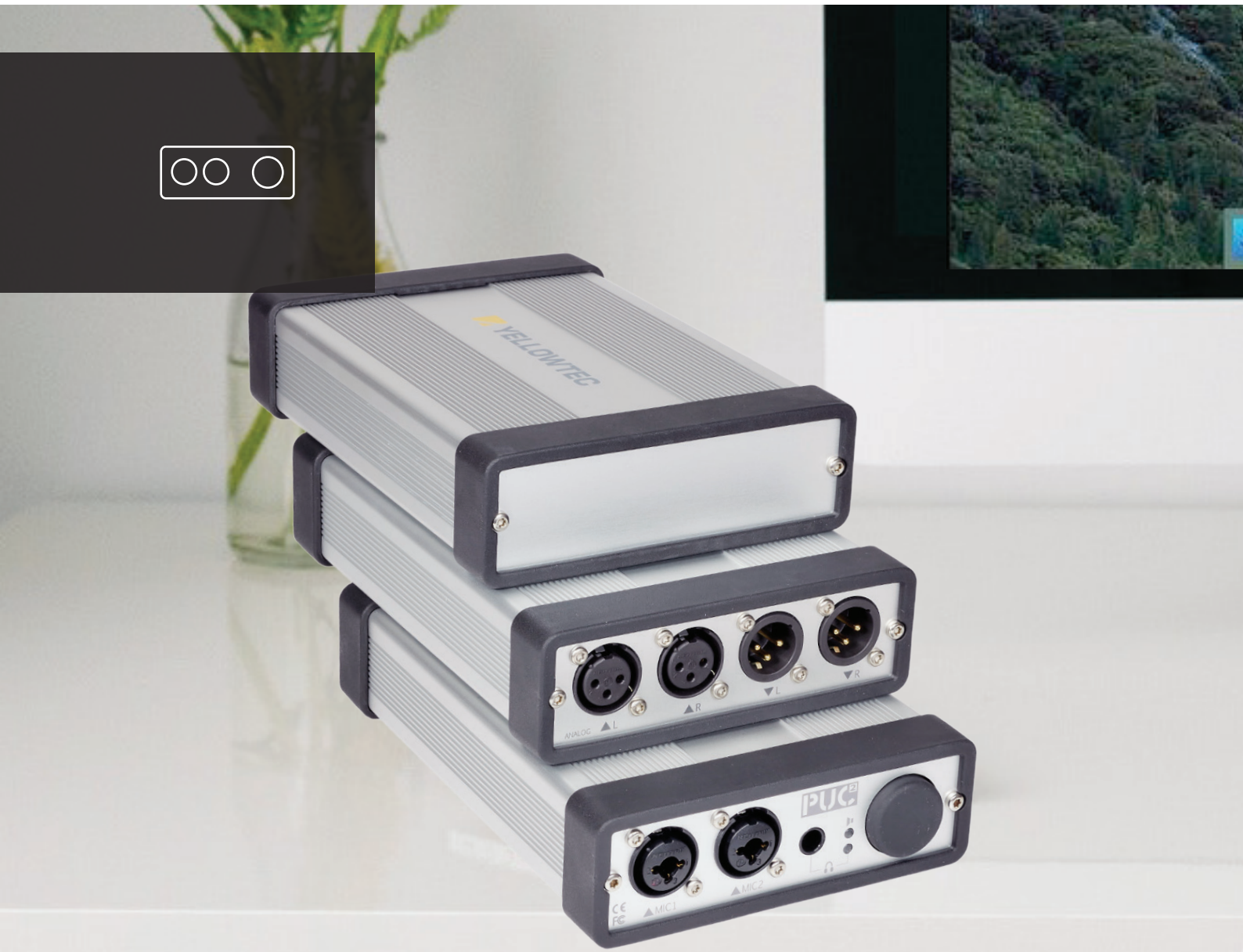
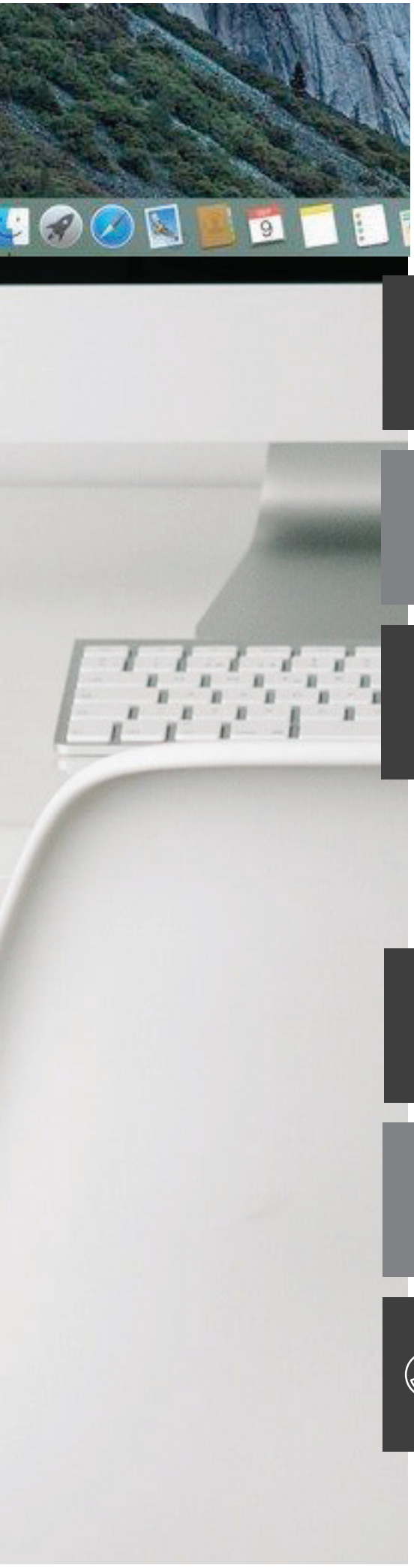


PUC2

HD USB Audio Interface

As a compact two-channel interface, PUC2 combines simple setup and clever modular design. Various versions provide different analog panels. Just the way you need it.



Connect PUC2 to your PC or Mac via USB. There‘s no need to open your devices or to install any drivers. Installation effort kept as low as possible! Simply plug‘n‘play!

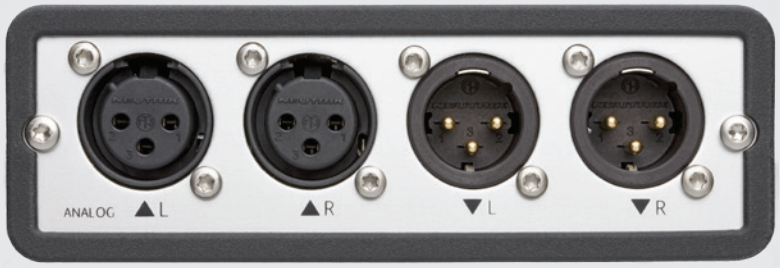
As a high-definition preamp, PUC2 delivers audio with up to 192kHz and 24bit. What you get is high-end sound quality at its best.

With its integrated LEA level automation technology, PUC2 Mic LEA ensures pristine audio quality with best-in-class leveling for your mic input signal.

PUC2 comes as a high-definition audio converter with balanced audio. As a soundcard it exceeds the demands of any professional audio workstation.

Playout systems require reliability and great sound quality at the same time. Without depending on a separate power supply unit, PUC2 delivers.

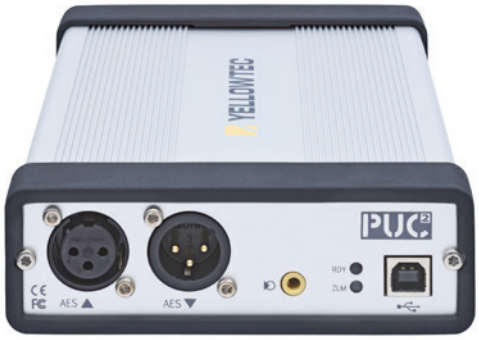
To ingest simply insert PUC2 between analog audio equipment and your PC. Via USB it gets you high-definition digitized and PC-ready audio files.



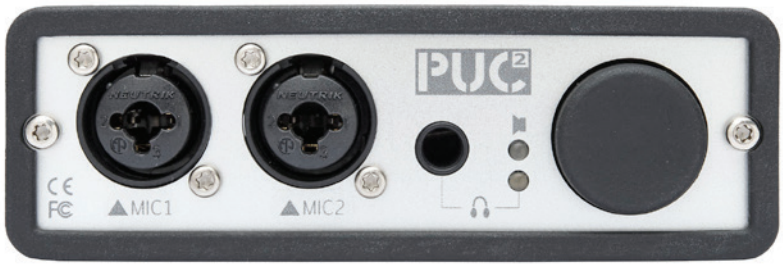
1

All PUC2 versions have the same weight & dimensions:

length: 185 mm
width: 127 mm
height: 41,5 mm
weight: approx. 600g



2



3

4

1 PUC2 Line

with AES3 I/O, analog Line I/O on XLR and H/P

YT4210 PUC2 Line German Levels
0dbFS = +15dBu
(+6 dBu / 9 dB Headroom)

YT4211 PUC2 Line International Levels
0dbFS = +18dBu
(+4 dBu / 14 dB Headroom)

2 PUC2 Lite

YT4240
purely digital version with AES3 I/O

3 PUC2 Mic LEA

YT4221
real-time LEA Engine for perfect audio levels

4 PUC2 Wall Charger

YT4291
for all PUC2 versions

		PUC2 Lite	PUC2 Line	PUC2 Mic LEA
Power		< 1000 mA via USB	< 1000 mA via dual USB	< 1000 mA via dual USB + PSU
Clocking	Jitter	< 15 mUI Peak	< 15 mUI Peak	< 15 mUI Peak
	Frequency Accuracy	+/- 10 ppm	+/- 10 ppm	+/- 10 ppm
Input Selection		AES3 only	Automatic with AES Detection	Automatic with AES Detection
Digital Input	Format	AES 3 + SPF/DIF	AES 3 + SPF/DIF	AES 3 + SPF/DIF
	Connectors	XLR	XLR	XLR
	Sampling Rate	44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz	44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz	44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz
	Bill Depth	24 Bit	24 Bit	24 Bit
Digital Output	Format	AES 3 + SPF/DIF		AES 3 + SPF/DIF
	Connectors	XLR		XLR
	Sampling Rate	44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz		44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz
	Bill Depth	24 Bit		24 Bit
Analog Input	Electronically balanced		@ Full Scale	
	Input Level 1 (switchable)		+6dBu / max +15dBu	-∞ ... +18dBu
	Input Level 2 (switchable)		+4dBu / max +15dBu	
	Input Level 3 (switchable)		+5dBu / max +15dBu	
	Impedance		18 kOhm typ.	Mic typ 1.2 kOhm Live typ 10 kOhm
Analog Output	Electronically balanced		@ Full Scale	Not balanced
	Output Level 1 (switchable)		+6dBu / max +15dBu	Adjustable Volume
	Output Level 2 (switchable)		+4dBu / max +15dBu	
	Output Level 3 (switchable)		+5dBu / max +15dBu	
	Impedance		40 kOhm typ.	< 16 Ohm, Headphones with up to 600 Ohm can be used
USB	Connector	USB 2.0 Type B	USB 2.0 Type B	USB 2.0 Type B
Phantom Power (switchable)	Voltage			48 V
Headphone Output	3.5mm Jack		Fixed Volume Setting	
	6.3mm Jack			Adjustable Volume
	Impedance		< 16 Ohm	< 16 Ohm, Headphones with up to 600 Ohm can be used
Microphone Input	GAIN			0.05%
(electronically balanced)	Inout referred Noise			-127 dBu @ 150 Ohm
	Impedance			1.2 kOhm
AD/DA Converter	Dynamic		108 dB	108 dB
	THD+N ADA		-107 dB THD+N	-107 dB THD+N
	THD+N DAC		-103 dB THD+N	-103 dB THD+N
	Sampling Rate DAC		44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz	44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz
	Bit Depth		24 Bit	24 Bit