



# universal audio kraftwerk #R46/66

<b>INPUT</b>	<b>performance data</b>
DSP	6 channels analog output
THD+N	-102 dB analog und digital bei -1dBFS
SNR	113 dB digital in, 110 dB analog in
Frequency Response	0 – 35 kHz +/- .1 dB
Channel Separation	>108dB
Resolution	24 bit/192 kHz, ADC PCM4202 DAC AK4396
Sampling rates	32, 44.1, 48, 88.2, 96 und 192 kHz, internal sampling rate 93.75 kHz

<b>OUTPUT</b>	2/4/6x 120 Watt 8Ω
THD+N	0,008% 1Watt 20Hz-20kHz, 0,15% IMD 50% load
Impedance	<20 mΩ <1 kHz, < 150 mΩ <20 kHz
Efficiency full load	92%
Speaker Impedance	4 - 8Ω
PSU	1200 Watt
Maximal Audio	1500 Watt

<b>INPUT</b>	<b>Connectivity</b>
Analog	2 RCA-Chinch unbalanced (optional XLR)
Ethernet	IEEE-802.3 10/100 RJ-45
WiFi	IEEE-802.11 b/g/n
USB	2.0 Typ B
TOSLINK	optical
S/PDIF	coaxial RCA-Chinch
AES/EBU	XLR

<b>OUTPUT</b>	<b>Connectivity</b>
S/PDIF	coaxial RCA-Chinch
AES/EBU	XLR
Loudspeaker	2/4/8/10/12 Banana connectors (optional SpeakOn connectors)
Subwoofer	2x XLR balanced (optional RCA-Chinch)
HDMI	TV- oder PC-Monitor

Dimensions 345 x 240 x 230 (W x D x H) mm , ca. 25 kg



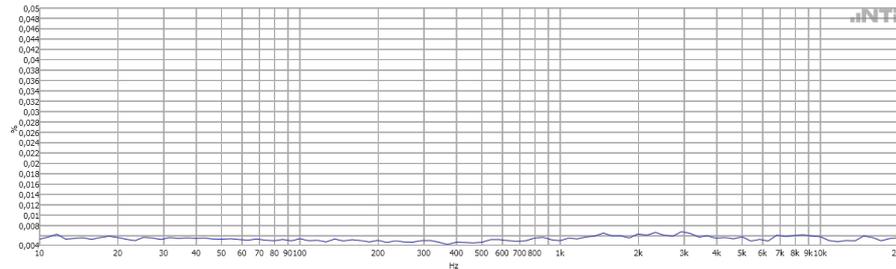
The operating software of the universal audio kraftwerk #Rx6 product family is compatible and maintained with all actual streaming- und music play applications which support AirPlay-, DLNA or UpNp-functionality, .i.e. the Apple Remote-App für iOS und Android.



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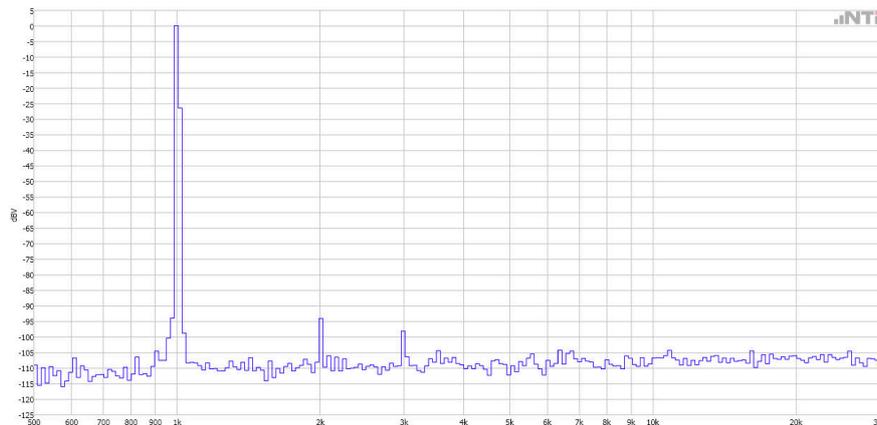
The housing is molded from a concrete part. 2000 years ago this material was already used by the Romans. The cover of the device is made out of cement, aggregates and water – like they used it in the ancient times. This combination makes the concrete unique. By handwork the cold material is newly interpreted as an elegant appearance with exciting haptics.

All the other parts of the rest of the construction are made out of plastic. The placement of the modules is optimized to minimize space and the cable guiding has been integrated into the frame design to leave exhaust flow unhindered to the inside of the casing and for to save valuable deskpace.



**Distortion (THD%)**  
at -25 dB and 4.7 Ohm load resistor

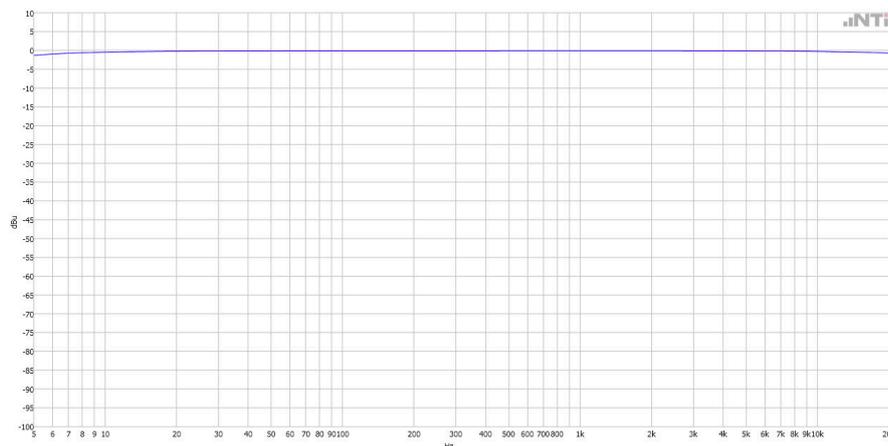
The 6-channel pre-amplifier offers preconfigured settings that allow individual tuning of the speaker and the sound image quickly and easily. In addition, measured with an optional measuring microphone, the special characteristics of the room acoustics and the specific features of the speaker chassis, can be changed after personal viewpoints and saved as another preset fix. It is possible to switch between different operating modes, such as Stereo, digital active stereo crossover or room calibration instrument.



**Fourier transform (FFT)**  
Noise floor and spectral distribution  
1kHz at -25 dB and 4.7 Ohm load resistor

The device doesn't have displays or control buttons, just the pilot light of the WiFi interface and the on/off switch on the back. It will be controlled via the supplied system controllers (external operating unit and infrared remote control) and many other browser-enabled appliances (eg smartphone, tablet, PC).

In addition to the four digital inputs (S/PDIF, AES/EBU, TOSLINK and USB 2.0) there is a wireless AirPlay compatible interface. The Stereo Chinch input for connecting with a asymmetric analog issuing source, including Turntables, cassette recorder, etc. On request, the device is equipped with balanced connections.



**Power Frequency Response**  
Full load 31.6 volts to 4.7 Ohm  
Programmed power waste <10Hz to protect speakers from DC

All connectors are made with fixed snap sockets – without signal loss nor any noise. The AES/EBU interface is fully maintained in a balanced XLR version, which is used in professional recording studios and in public address systems.