



UNISON

The Pride and the Passion

For more than 15 years Unison Research products have been admired and appreciated around the world. From the very beginning our purpose has always been to provide enjoyment through listening to music. To that deceptively simple goal we bring a lifetime of experience in both valve and solid-state electronics design - and a genuine passion for making equipment that will give lasting pleasure.

Look inside any Unison Research amplifier and you will find our renowned build quality, careful attention to detail and a very high standard of material content. Many of the key components - such as the mains and output transformers which are vital for good sound quality - are made in-house. You will also find advanced technology and many unique features, the fruit of original thinking by designers in partnership with one of Italy's most respected Institutes of Advanced Electronics Research.

Our pride in making audio equipment is not confined to the technical aspects of design. A machine for making fine music must also be of attractive visual appearance, made with skill and flair to please the eye as well as the ear. Unison Research has always been synonymous with elegance and style in the best Italian tradition. Our lavish use of fine materials, like sculpted hardwood and stainless steel, makes unison Research equipment stand out from the crowd in an all-too often world of drab conformity.

The essence of any piece of audio equipment lies in the way it reproduces music. Listen to your music through any unison Research product and you will hear a natural purity of sound, free from strain or artifice. No matter whether you choose a classic pure triode all-valve amplifier or one of the new generation of hybrid tube and solid-state designs; and no matter what your taste in music, from classical to rock, from vocal to symphonic, Unison Research can help you towards greater listening pleasure.

From our small team of dedicated craftsmen, designers and audio engineers at Unison Research, we wish you the very best in musical enjoyment!





Unico P

HYBRID STEREO AMPLIFIER

Technical characteristics

OUTPUT POWER: (20 - 20000Hz/8Ω) 50 W
(20 - 20000Hz/4Ω) 95 W

OUTPUT STAGE: SYMMETRICAL COMPLEMENTARY
POWER MOSFET

OUTPUT STAGE BIAS: DYNAMIC CLASS A

OUTPUT CONNECTORS: 4 + 4 FOR BI-WIRING

INPUT STAGE: TRIODE

VOLUME CONTROL: MOTORIZED POTENTIOMETER,
IR REMOTE CONTROLLED

BANDWIDTH: 2Hz - 80000Hz at -0.5 dB

OUTPUT IMPEDANCE: 2 - 8 Ohm

DAMPING FACTOR: >60

INPUT SENSIBILITY: 200 mV

INPUT IMPEDANCE: 47kΩ // 47pF

INPUTS: 4 LINE, 1 PHONO RIAA

OUTPUTS: 1 TAPE

VALVES: 1 x ECC82 (12AU7)

SIGNAL-TO-NOISE RATIO: 80 dB

FEEDBACK FACTOR: 14 dB

THD: 0.12%

MAX POWER CONSUMPTION: 250W

DIMENSIONS (w x d x h): 43.5x34x9.5 cm
17.2x13.4x3.7 inch

NET WEIGHT: 12 Kg / 27 lbs

PHONO STAGE:

BANDWIDTH: 20 - 20000Hz ± 0.1 dB

INPUT IMPEDANCE: MM 47kΩ // 220 pF
MC 100Ω // 440 pF

GAIN ADJUSTMENT: +10 dB

MAX INPUT: 120 mV @ 1kHz

RIAA EQUALIZATION: ACTIVE AT LOW FREQUENCY;
PASSIVE AT HIGH HFREQUENCY

GAIN: MM 40 dB + 10 dB MC 50 dB + 10 dB

THD: 0.09% @ MM, 5 mV, 1kHz

UNISON

Unico

HYBRID STEREO AMPLIFIER

Technical characteristics

OUTPUT POWER:	(20 - 20000Hz/8Ω) 80 W (20 - 20000Hz/4Ω) 140 W
OUTPUT STAGE:	SYMMETRICAL COMPLEMENTARY POWER MOSFET
OUTPUT STAGE BIAS:	DYNAMIC CLASS A
OUTPUT CONNECTORS:	4 + 4 FOR BI-WIRING
INPUT STAGE:	TRIODE
VOLUME CONTROL:	MOTORIZED POTENTIOMETER, IR REMOTE CONTROLLED
BANDWIDTH:	2Hz - 80000Hz at -0.5 dB
OUTPUT IMPEDANCE:	2 - 8 Ohm
DAMPING FACTOR:	>50
INPUT SENSIBILITY:	200 mV
INPUT IMPEDANCE:	47kΩ // 47pF
INPUTS:	4 LINE, 1 PHONO RIAA (optional)
OUTPUTS:	1 TAPE
VALVES:	2 x ECC82 (12AU7)
SIGNAL-TO-NOISE RATIO:	88 dB
FEEDBACK FACTOR:	10 dB
THD:	0.1%
MAX POWER CONSUMPTION:	340W
DIMENSIONS (w x d x h):	43,5x34x9,5 cm 17,2x13,5x3,7 inch
NET WEIGHT:	14 Kg / 31.5 lbs

UNISON



PHONO STAGE: (Optional)

BANDWIDTH:	20 - 20000Hz ± 0.1 dB
INPUT IMPEDANCE:	MM 47kΩ // 220 pF MC 100Ω // 440 pF
GAIN ADJUSTMENT:	+10 dB
MAX INPUT:	120 mV @ 1kHz
RIAA EQUALIZATION:	ACTIVE AT LOW FREQUENCY; PASSIVE AT HIGH FREQUENCY
GAIN:	MM 40 dB + 10 dB MC 50 dB + 10 dB
THD:	0,09% @ MM, 5 mV, 1kHz



Unico SE

HYBRID STEREO AMPLIFIER

Technical characteristics

OUTPUT POWER:	(20 - 20000Hz/8Ω) 140 W (20 - 20000Hz/4Ω) 250 W
OUTPUT STAGE:	SYMMETRICAL COMPLEMENTARY STAGE WITH TWO PAIRS OF POWER MOSFETS PER CHANNEL
OUTPUT STAGE BIAS:	DYNAMIC CLASS A
OUTPUT CONNECTORS:	4 + 4 FOR BI-WIRING
INPUT STAGE:	TRIODE
VOLUME CONTROL:	MOTORIZED POTENTIOMETER, IR REMOTE CONTROLLED
BANDWIDTH:	2Hz - 100kHz at -0.5 dB
OUTPUT IMPEDANCE:	2 - 8 Ohm
DAMPING FACTOR:	>50
INPUT SENSIBILITY:	220 mV
INPUT IMPEDANCE:	47kΩ // 47pF
INPUTS:	4 LINE, 1 PHONO RIAA
OUTPUTS:	1 TAPE
VALVES:	2 x ECC82 (12AU7)
SIGNAL-TO-NOISE RATIO:	80 dB
FEEDBACK FACTOR:	8.5 dB
THD:	0.2% @ IOW, 1kHz
MAX POWER CONSUMPTION:	500W
DIMENSIONS (w x d x h):	43,5x34x13,2 cm 17.2x13.4x5.28 inch
NET WEIGHT:	16,5 Kg / 36.30 lbs

PHONO STAGE:

BANDWIDTH:	20 - 20000Hz ± 0.1 dB
INPUT IMPEDANCE:	MM 47kΩ // 220 pF MC 100Ω // 440 pF
GAIN ADJUSTMENT:	+10 dB
MAX INPUT:	120 mV @ 1kHz
RIAA EQUALIZATION:	ACTIVE AT LOW FREQUENCY; PASSIVE AT HIGH FREQUENCY
GAIN:	MM 40 dB + 10 dB MC 50 dB + 10 dB
THD:	0,09% @ MM, 5 mV, 1kHz

UNISON

Unico 200

DUAL MONO DUAL POWER HYBRID INTEGRATED AMPLIFIER

Technical characteristics

OUTPUT POWER:	(20 - 100000Hz/8Ω) 95/320W (20 - 100000Hz/4Ω) 180/550W
OUTPUT STAGE:	SYMMETRICAL COMPLEMENTARY STAGE WITH SIX PAIRS OF POWER MOSFETS PER CHANEL
OUTPUT STAGE BIAS:	DYNAMIC CLASS A
OUTPUT CONNECTORS:	4 + 4 FOR BI-WIRING
INPUT STAGE:	TRIODE
VOLUME CONTROL:	MOTORIZED POTENTIOMETER, IR REMOTE CONTROLLED
BANDWIDTH:	2Hz - 100kHz at -0.5 dB
OUTPUT IMPEDANCE:	2 - 8 Ohm
DAMPING FACTOR:	>100
INPUT SENSIBILITY	200 mV
INPUT IMPEDANCE:	47kΩ // 47pF
INPUTS:	5 LINE UNBALANCED 2 LINE BALANCED (optional)
OUTPUTS:	1 TAPE
VALVES:	2 x ECC82 (12AU7)
SIGNAL-TO-NOISE RATIO:	85 dB
FEEDBACK FACTOR:	11 dB
THD:	0.1%
MAX POWER CONSUMPTION:	1200W
DIMENSIONS (w x d x h):	43x55x26,5 cm 17,6x21,8x10,5 inch
NET WEIGHT:	60 Kg / 135 lbs

UNISON





UNISON

Unico PRE

HYBRID PREAMPLIFIER

Technical characteristics

VALVE COMPLEMENT:	2 x ECC82
OPERATING MODE:	PURE CLASS A
BANDWIDTH:	10 - 100000 \pm 0.5 dB
THD:	0.1%
INPUTS:	1 PHONO (MM - MC), 3 LINE (balanced-unbalanced), 1 TAPE
INPUT IMPEDANCE:	100 Ω - 100 Ω - 47k Ω (phono stage), 47k Ω (line stage)
OUTPUT IMPEDANCE:	<100 Ω
MAX POWER CONSUMPTION:	75W
DIMENSIONS (w x d x h):	24x52x17 cm 9.52 x 20.6 x 6.7 inch
NET WEIGHT:	12 Kg / 27 lbs

Unico DM

DUAL MONO HYBRID POWER AMPLIFIER

Technical characteristics

OUTPUT POWER:	STEREO MODE (20 - 20000Hz/8 Ω) 150W BRIDGE MODE (20 - 20000Hz/8 Ω) 500W
OUTPUT STAGE:	SYMMETRICAL COMPLEMENTARY STAGE WITH TWO PAIRS OF POWER MOSFETS PER CHANNEL
OUTPUT STAGE BIAS:	DYNAMIC CLASS A
OUTPUT CONNECTORS:	4 + 4 FOR BI-WIRING
INPUT STAGE:	TRIODE
BANDWIDTH:	2Hz - 100000Hz at -0.5 dB
OUTPUT IMPEDANCE:	2 - 8 Ohm
DAMPING FACTOR:	>50
INPUT IMPEDANCE:	20k Ω // 15pF
INPUTS:	BALANCED/UNBALANCED
VALVES:	2 x ECC82 (12AU7)
SIGNAL-TO-NOISE RATIO:	95 dB
FEEDBACK FACTOR:	9.3 dB
THD:	0.1%
MAX POWER CONSUMPTION:	700W
DIMENSIONS (w x d x h):	24x44x16 cm 9.5x17.4x6.3 inch
NET WEIGHT:	18 Kg / 40.5 lbs

UNISON





UNISON

Unico teatro

EIGHT CHANNEL HYBRID POWER AMPLIFIER

Technical characteristics

OUTPUT POWER:	8 x 90 W
BRIDGE MODE:	4 x 300 W
OUTPUT IMPEDANCE:	2 - 8 Ohm
BANDWIDTH:	5 Hz - 100 kHz at -0.5 dB
INPUT STAGE:	TRIODE
INPUT IMPEDANCE:	100 kOhm / 47 pF
OUTPUT STAGE:	IMPROVED DYNAMIC CLASS A SYMMETRICAL WITH POWER MOSFET COMPLEMENTARY PAIR
VALVES:	8xECC82 (12AU7)
DAMPING FACTOR:	>50
TOTAL FEEDBACK FACTOR:	9.5 dB
POWER CONSUMPTION:	1360 W
DIMENSIONS: (w x d x h):	43x52x26.5 cm 17.6 x 20.6 x 10.5 inch
NET WEIGHT:	68 Kg / 153 lbs

Unico CDP

HYBRID CD PLAYER

Technical characteristics

TYPE:	INTEGRATED
ANALOGIC CIRCUIT TOPOLOGY:	TRIODE STAGES, CLASS A, OUTPUT STAGES, ZERO FEEDBACK
OUTPUT IMPEDANCE:	<100 Ohm
VALVES:	1x6CC82 (12AU7)
D/A CONVERTER:	CRYSTAL CS 4392
OVERSAMPLING:	CRYSTAL CS 8420 96 kHz REDUCED CLOCK JITTER AUDIO DATA ERROR CHECK
DISPLAY:	LCD TEXT AND GRAPHICAL DISPLAY 128x64 PIXEL RESOLUTION, AUTOMATIC LIGHT CONTROL
TRANSPORT:	BRUSHLESS SYNCHRONOUS MOTOR INCORPORATES READ-MEMORY BUFFER AUDIO DATA S/P DIF
DIGITAL OUTPUT:	96 kHz AUDIO AND DIGITAL DATA ACCORDING TO THE AES3, IEC60958 - S/PDIF, AND EIAJ CP-1201 INTERFACE STANDARDS
MAX POWER CONSUMPTION:	85W
DIMENSIONS (w x d x h):	43,5x34x9,5 cm 17,2x13,4x3,7 inch
NET WEIGHT:	9,5 Kg / 20,25 lbs

UNISON





UNISON

Unico CD

HYBRID CD PLAYER

Technical characteristics

TYPE:	INTEGRATED
ANALOGIC CIRCUIT TOPOLOGY:	FULLY BALANCED, TRIODE DIFFERENTIAL STAGES, CLASS A, OUTPUT STAGES, ZERO FEEDBACK
OUTPUT IMPEDANCE:	<100 Ohm
VALVES:	2xECC82 (12AU7)
D/A CONVERTER:	CRYSTAL CS4392
DIGITAL INTERFACE:	CRYSTAL CS8414 REDUCED CLOCK JITTER AUDIO DATA CORRECTION CHECK
OVERSAMPLING:	CS8420 24BIT/96kHz
ANALOGIC/DIGITAL OUTPUTS:	LINE UNBALANCED/BALANCED
CONTROLS AND FUNCTIONS:	BASIC CONTROLS, IR REMOTE CONTROLLED
DISPLAY:	LCD TEXT GRAPHICAL DISPLAY 128x64 PIXEL RESOLUTION, AUTOMATIC LIGHT CONTROL
MAX POWER CONSUMPTION:	85W
DIMENSIONS (w x d x h):	43,5x34x9,5 cm 17,2x13,4x3,7 inch
NET WEIGHT:	11 Kg / 24H.75 lbs

* WOOD REMOTE CONTROL OPTIONAL

Unico *R*

HYBRID TUNER

Technical characteristics

ANALOGIC CIRCUIT TOPOLOGY:	FULL BALANCED, TRIODE DIFFRENTIAL STAGES, CLASS A, OUTPUT STAGES, ZERO FEEDBACK
OUTPUT IMPEDANCE:	<100 Ohm
VALVES:	2X6CC82 (12AU7)
DISPLAY:	- LCD TEXT AND GRAPHICAL DISPLAY - EMBEDDED TOSHIBA MICROCONTROLLER - 128 x 64 PIXEL RESOLUTION - AUTOMATIC LIGHT CONTROL
FM FREQUENCY RANGE:	87.5 - 108.0 MHz
AM FREQUENCY RANGE:	530kHz - 1710kHz
OUTPUT IMPEDANCE:	75Ω / 300Ω
FM RF INPUT LEVEL:	60 dB
AM RF INPUT LEVEL:	94 dB μ
MAX POWER CONSUMPTION:	85W
DIMENSIONS (w x d x h):	43,5x34x9,5 cm 17,2 x 13,4 x 3,7 inch
NET WEIGHT:	11 Kg / 24,75 lbs

UNISON



UNIQ

SON

UNISONRESEARCH

Via Barone 4 - 31030 Dosson di Casier (TV) Italia - Tel. (39)0422633173 - Fax (39)0422633550

www.unisonresearch.com - E-mail: info@unisonresearch.com