

Technical data S.1/2

Preamplifier **PREAMP**



Thank you for buying a WHD product. Please read this manual carefully, especially the ! marked parts.

Content :

PREAMP CD500 uP ... :

Pre-Amplifier with metal front plate. Plastic front plate with printing. Plastic rotary knobs. Accessory subframe CD500 ,colour : “ alpinweiss “

PREAMP uP ... :

Pre-Amplifier with metal front plate. Plastic front plate with printing. Plastic rotary knobs.

Colour : “ alpinweiss “

The subframes are not available at WHD.

PREAMP BJ uP ... :

Pre-Amplifier with metal front plate. Plastic front plate with printing. Plastic rotary knobs.

Colour : “ alpinweiss “

The subframes are not available at WHD.

Specifications :

Supply voltage :	22-26V
Output voltage :	5V max.
Output impedance :	50 Ω
Input voltage Line :	400 mV
Input voltage Mic :	4mV
Frequency range Line :	20-20 000 Hz (-1dB)
Frequency range Mic :	40-15 000 Hz (-3dB)
Current consumption :	0,025 A
Terminal :	7 -pole terminal , removeable
Control voltage :	0-10VDC

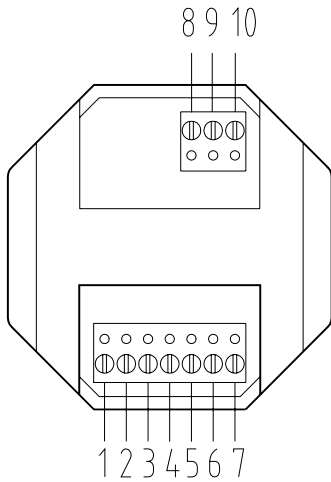
Additional parts : (JUNG/CD500 frames and UP-cabinets KAISER available at WHD)

Subframe	Frame single	Frame double	UP-cabinet 61/63 mm
X	X		X
X	X		X

The microphone volume control has a combined ON-OFF switch.

Mounting :

Connect terminal according to wiring scheme.



Backside view

Terminal no	
1	+ Signal – out (unbalanced)
2	0 Signal
3	Reduced gain
4	+ Control input 0-12 VDC
5	0 V Control
6	0 Supply voltage
7	+ 24V Supply voltage
8	0 V Phantom / Mic
9	+ Mic input
10	+ 24V Phantom

Note : The control terminal no. 4 gets a voltage of 12V by an internal resistor. So the preamplifier has the maximum gain at open terminal.

If the gain is too high for some applications , connect the accessory wire bridge to terminal 3 and 5. This will reduce the gain to app. 1/3.

Note : Terminal 8 to 10 is only for use with input balance unit.

For the signal and control line we recommend shielded cable.

e.g. LIYCY 0.14mm² 2-cores

The cross section of the power supply cable should be adequate.

e.g. H03VV-F 0,5mm² 2-cores

We recommend regulated 24VDC power supply with short circuit protection.