

TerraTec

# phono PreAmp studio

Vinyl Restoration Solution



## TerraTec phono PreAmp Studio – Vinyl Restoration Solution.

Who hasn't encountered it!? The good old shellac recordings in the hi-fi rack have blended into the background many years ago. But the Nettetaler multimedia provider TerraTec Electronic has a solution that helps give your vinyl discs a new life. The TerraTec phono PreAmp Studio is the optimal combination of hardware and software. With the phono PreAmp Studio old records and audio cassettes can be edited on the PC in professional quality and then preserved on CD. The phono PreAmp Studio is immediately available for the suggested retail price of 179,- German marks.

When vinyl recordings are to be edited on the computer, normally a hi-fi amplifier is necessary in order to transfer the songs to the PC. Record players and sound cards use differing audio signals. The TerraTec phono PreAmp offers a real alternative, where in respect to sound quality many hi-fi amplifiers are left far behind. The external housing, which is completely protected against distortion, makes opening the PC case unnecessary. Simply connect the record player and phono PreAmp together - finished. Not even an electrical plug-in is needed: the electricity is taken directly from the soundcard gameport.

The record player pick-up is easily accommodated, the most common input capacities are adjustable in three stages. For the right „oompf“, the output signal can be regulated in three stages as well. The incorporated RIAA equalizer guarantees an optimal processing of the pick-up signal and an original-exact listening experience. The phono PreAmp Studio includes, next to the phono PreAmp hardware, a powerful software tool from Algorithmix® – the ideal complete packet to preserve LP's or cassettes. Unwanted noises, for example clicking and humming, can be removed or dramatically reduced in real-time, without losing the original sound quality. Sound Laundry™ TerraTec Edition has been specially developed for the multimedia user who doesn't want to spend hours learning complicated editing processes and their meaning and use of endless parameter settings that are necessary in other professional software. By the two editing modules Descratcher and Denoiser only two parameters must be set in order to obtain an optimal sound.

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## Keyfeatures:

### Technical details - Hardware:

- Stereo input for record player (RCA/cinch)
- Stereo output with line meter (3.5 mm stereo mini-jack)
- Power through the PC sound card's gameport (5 VDC ± 10%)
- The gameport is looped to the phono PreAmp
- For moving-magnet (MM) pick-up or High-Output-Moving-Coil (MC) systems
- Not intended for Standard-MC systems
- Input sensitivity 5 mV / 47 kOhm / 1kHz
- Input capacity adjustable to three levels (100 pF, 250 pF and 425 pF)
- Output level amplification adjustable to three levels (300 mV, 550 mV, 1100 mV (5 mV/1 kHz))
- Filter function with highly-accurate RIAA equalizer curve (20 Hz-20 kHz / ± 0.3 dB)
- Distortion factor < 0.002 % (5 mV)
- Noise ratio: >86 dB (A)
- Screened case conforming to EMC

### Technical details - TerraTec Sound Laundry:

- Removes distortion like clicks, pops, humming and static discharge
- Soften digital distortion and mask drop-outs
- Real-time operation with 166 MHz MMX Pentium under Windows® 95/98/NT/2000
- 44.1 kHz / 16 bit "red book" WAV format accepted
- The world's fastest off-line processing
- Real-time preview while fine-tuning the parameters
- Unique difference function for monitoring the noise being removed

### Typical Applications:

- Remastering old recordings to CD: from vinyl and tape
- Archiving and restoration of historic audio materials
- Removing noise from radio and video tracks

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Warranty: 24 month