



The NEAL 9103 Triple CD Audio Interview Recorder is one of a range of innovative digital interview products. With over 25 years as the foremost manufacturer of interview systems, NEAL has the experience to create products that get the job done easily and reliably.

A number of man years have been invested in developing a range of digital products including workflow and transcription software that provide the full benefits of digital technology while retaining NEAL's hard won reputation for reliability and ease of use.

## Features



Simple operation - one touch buttons provide record and stop functions.



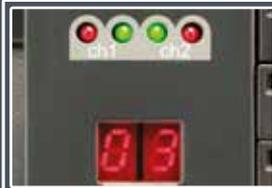
Single eject button - finalises and ejects discs.



Dual simultaneous and identical CD interview recording. One disk - Disc A, the master is signed by both parties for complete fairness and authenticity. The disk can be sealed with a security label and archived. Disk B can be used as a working copy for transcription. If required an evidential copy can be easily duplicated.



LCD with backlight shows recorder mode, time and date.



Dual LED level indicators for each recording channel.  
High visibility LED display for elapsed recording time.



Remote Monitoring indicator in accordance with relevant guidelines.



The NEAL 9103 is designed for use with two NEAL Boundary Layer Microphones. Robust, all metal construction designed specifically for speech recording. Their omni directional polar pattern and unobtrusive appearance make it the ideal solution for the recording of all interviews.

## Specification:

<b>Recording Format</b> .....	Triple simultaneous CD audio, 2 channels, 16 bit PCM, 44.1KHz to Blue Book Standard (Red Book Standard with Metadata).
<b>Compatible Media</b> .....	CD-R (700MB, 80 minutes).
<b>Maximum Recording Time</b> .....	77 minutes.
<b>Drive Type</b> .....	CD 'slot' drives.
<b>Controls</b> .....	Record, Stop, Eject.
<b>Frequency Response</b> .....	300 Hz to 12KHz $\pm$ 3dB.
<b>S/N Ratio</b> .....	60 dB.
<b>THD + N</b> .....	less than 0.1%
<b>Disc Finalisation Time</b> .....	2 minutes max.
<b>Microphone Inputs (3 pin XLR)</b> .....	2 x 800 $\mu$ V - max recording level with polarising voltage for boundary layer microphones.
<b>Level Monitoring</b> .....	Dual LED, green @ -20dB, red @ peak level (per channel).
<b>Liquid Crystal Display</b> .....	20 characters, two row with backlight.
<b>Display Information</b> .....	Current time and date, Recorder mode (Stop, Recording, Finalising), Individual disk status ("W" for recording, "F" for finalising, "E" for ejecting).
<b>Alarm</b> .....	Audible and Visual alarms.
<b>Elapsed Time Display</b> .....	High visibility, 8 mm dual segment LED.
<b>Eject/Power Interlock</b> .....	Eject and power do not operate during record thus preventing inadvertent use.
<b>Alarm Conditions</b> .....	No audio channel 1 or channel 2, faulty disk A or B, or C prerecorded disk A or B or C, incorrect disk format A or B or C, low disk A or B or C, end of disk A or B or C.
<b>Recording Status Checks</b> .....	CD drives feature individual Status checks for - disk writing (A and B and C) - increasing file size to verify successful recording.
<b>Low Media Alarm</b> .....	Two minutes remaining on disk (A or B or C).
<b>Data Security</b> .....	No audio is retained to prevent unauthorised access once disks are finalised and unit is powered down. Audio is buffered in RAM and the operating system (Linux) is held in flash memory. Hard disk drives are not used.
<b>Metadata</b> .....	XML files store details of each recording:- time, date, name, reference and recorder serial number. Additional details can be added by use of optional touch screen: e.g. names of interviewer & interviewee.
<b>Power Supply</b> .....	100V / 240V 50 - 60Hz
<b>Mains Power Consumption (max)</b>	40W
<b>Dimensions - Recorder</b> .....	334mm (W) x 267mm (D) includes space for connections x 129mm (H)
<b>Weight</b> .....	5.7Kg approx.

*(Due to our policy of continuous improvement, NEAL reserve the right to change the specification of their products without prior notice).*

## Accessories Supplied:

Mains 100 / 240V power supply  
Operating instructions  
'Quick' guide

## Optional Items:

Carry bag  
Sealed interview Cds and sealing labels  
Desk mounting kit  
Transcription software with foot pedal controls  
CD copiers  
Touch screen for metadata input

## Other NEAL Products:

Dual CD Interview Recorders - Networked Interview System - Transcription and Work Flow Software - Cassette Interview Recorders, Transcribers and Copiers - Accessories including: USB footpedals, headphones, remote monitoring systems

**NEAL**  
NO DISPUTE

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