

## **Appendix B**

The following pages contain informations about the optional MIC-Adapter (part-no. 177 488).

## MIC-Adapter (Part-no.: 177 488)

### Connecting additional audio sources

#### Signal path

The input signal of the microphone is connected to ST1 via the microphone amplifier IC1c and the background control IC1a to pin 8 of connector ST1.

The input signal of an additional stereo signal source (e.g. tape recorder) is expected on Cinch sockets IN-L (BU3) and IN-R (BU4) and also connected to ST1.

Via the cable harness the signals are connected from ST1 to the CB CENTRALEINHEIT connector ST9.

An output signal is available at Cinch sockets OUT-L (BU1) and OUT-R (BU2) e.g. to be connected to an auxiliary amplifier.

By pushing the paging switch of the microphone, pin 5 of the MIC socket (BU5) is connected to GND and the microphone is set to be on first priority. Playing CD or tape music is then interrupted.

The additional AF input IN-L resp. IN-R automatically becomes active from a signal level of 3mV, if no CD is playing and the paging switch of the microphone is not actuated.

The recognition logic is built with IC1b and IC1d.

For the location of the different connectors see also the overleaf figure.

#### Microphone connection

A dynamic microphone with an impedance of  $200\Omega - 600\Omega$  with switch for relay control can be used.

Use potentiometer **POT 2** to set the required microphone volume. This adjustment is dependent upon the position of the microphone in relation to the phonograph. In case of feedback while paging, the microphone volume must be reduced or the microphone must be positioned in another direction to the loudspeakers.

Use potentiometer **POT 1** to set the music volume level during paging (Microphone-Background).

As NSM-accessories are available:

Microphone Order-no.: 224 223

Connection cable, length 10m Order-no.: 171 880

#### Tape recorder connection

Via the Cinch-sockets you may connect a tape recorder for recording music from the phonograph (OUT-L, OUT-R), as well as playing music from the tape (IN-L, IN-R).

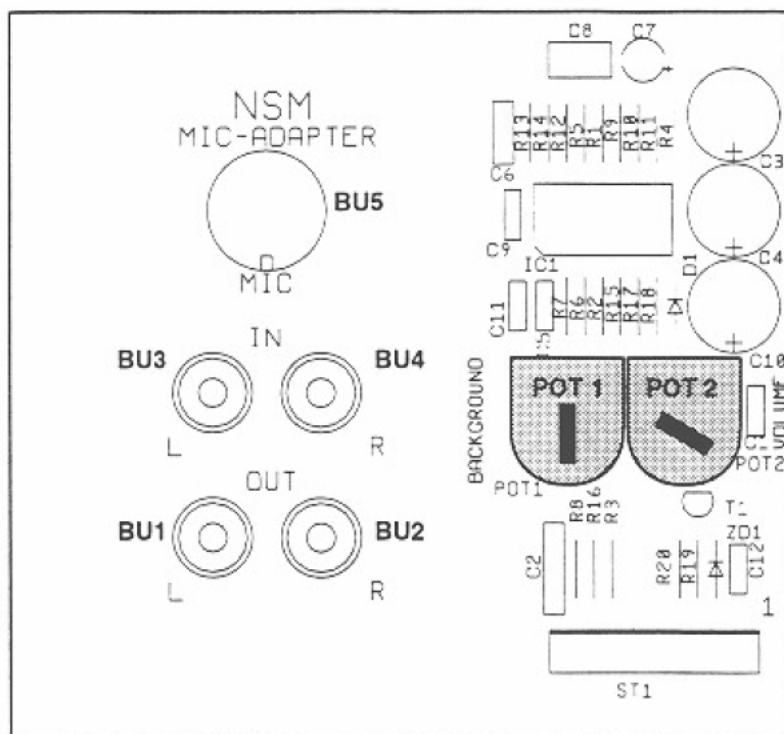
The AF signal (500mV at  $10k\Omega$ ) to be recorded to a tape is on sockets BU1 and BU2. It can be fed directly with a stereo diode cable.

The AF signal of a tape to be played has to be fed to sockets BU3 and BU4 (200mV at  $10k\Omega$ ).

#### Connecting auxiliary amplifier

An auxiliary amplifier can be connected to sockets BU1 and BU2. The input sensitivity of this auxiliary amplifier should be 1V at a minimum input impedance of  $10k\Omega$ .

# Component side of CB MIC-ADAPTER





ÄNDERUNGEN IM SINNE DES TECHN. FORTSCHRITTES VORBEHALTEN,  
JEDOCHE KEINE NACHRÜSTPFLICHT!

SUBJECT TO TECHNICAL MODIFICATION WITHOUT OBLIGATION  
TO NOTIFY EQUIPMENT ALREADY DELIVERED

Schaltbild  
Wiring diagram

177 465