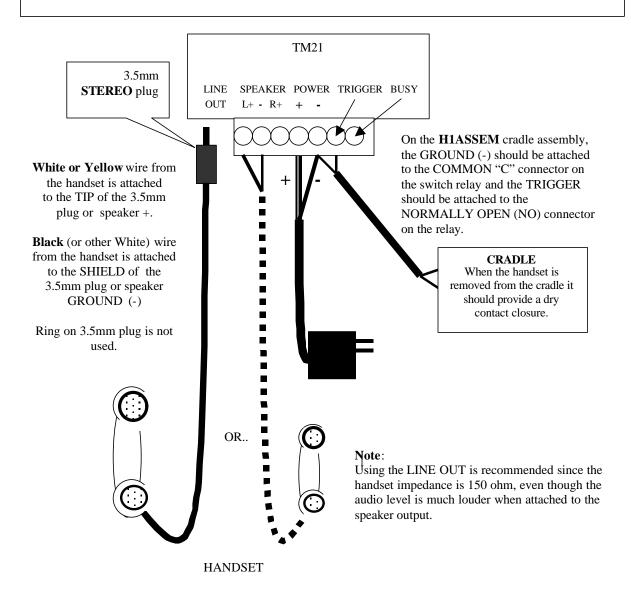# Wiring a TM21 to a cradle and handset

MODE.TXT file on the SD card should have DHC (Direct Holdable Closed) if you wish to have the audio play only when the handset is not in the cradle.

TM21

3.5mm
STEREO plug

LINE   SPEAKER POWER TRIGGER BUSY
OUT   L+ - R+   +   -

On the **H1ASSEM** cradle assembly, the GROUND (-) should be attached to the COMMON "C" connector on the switch relay and the TRIGGER should be attached to the NORMALLY OPEN (NO) connector on the relay.

White or Yellow wire from the handset is attached to the TIP of the 3.5mm plug or speaker +.

Black (or other White) wire from the handset is attached to the SHIELD of the 3.5mm plug or speaker GROUND (-)

Ring on 3.5mm plug is not used.

CRADLE
When the handset is removed from the cradle it should provide a dry contact closure.

OR..

Note:
Using the LINE OUT is recommended since the handset impedance is 150 ohm, even though the audio level is much louder when attached to the speaker output.

HANDSET

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