

Ampex plug-in Input Transformers

For recording from an unbalanced line, the dummy plugs (4030034-30) are used. These dummy plugs jumper pins 3 and 4, pins 6 and 7 and pins 2 and 8 (these two pins also connect to ground and the dummy plug shield).

For balanced line recording, two input transformers are available to replace the dummy plugs.

Transformer 4580200-01 is a balanced-bridging transformer with unit gain and an input impedance of 20K ohms.

Transformer 4580200-02 is a balanced-matching transformer, which provides a 14dB gain and an input impedance of 600 ohms.

On both transformers, pins 4 and 8 are the primary signal input, pins 3 and 2 are the output and pin 1 is the case shield.

(from the Ampex AG-600B user manual)