



SPECTRUM ENHANCER SHTD1

ADAPTED TO PROBE

PRESENTATION

The SHTD1 set contains:

- one spectroscopic amplifier (SH1 model)
- one time discriminator (TD1 model)

The system permits spectrum enhancement for CdTe detectors by selecting fast rise time pulses.

CONNECTION

DB9, female (Probe, input connector)

This DB9 connector furnish the supply to the probe and the input to the amplifier

- 1-2: Ground
- 3: Amplifier input
- 4: +12V
- 5: Bias
- 9: -12V

It can be connected directly to EURORAD PR16 preamplifier or various probes to form a complete spectroscopic system.

DB9, male (Supply, output connector)

- 1-2: Ground
- 3: Amplifier input
- 4: +12V
- 5: Bias
- 8: Discriminator output (0 - 5V level)
- 9: -12V

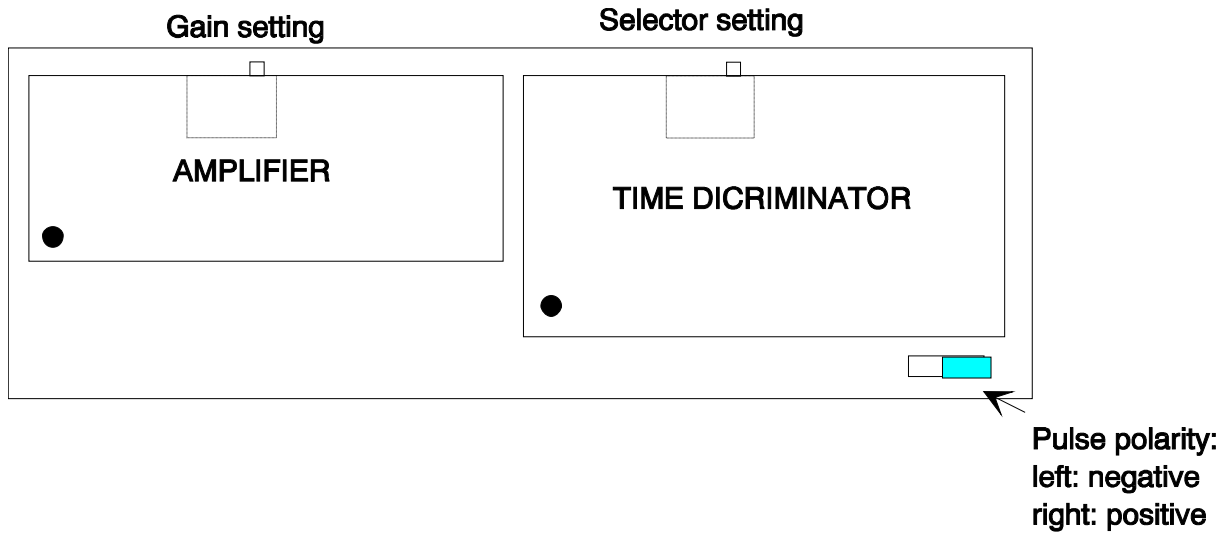
PARTICULAR

This set is adapted to SO16 probe with a planar CdTe (diameter 16mm).

SETTINGS

The amplifier gain is settable inside the box. It should normally not be modified.

The selector setting is settable from outside the box.(Clockwise: less selection, more efficiency).



CONNECTION DIAGRAMM

