



B031 Dual Pilot Tone Detector Module



The Pilot Tone Detector from dB Broadcast is selectable for 19kHz or 22.5kHz operation, with two independent detectors per module.

Two balanced audio inputs are provided, with the input impedance selectable to either 600R or 50K. The detection threshold is set by a DIL switch in 0.5dB steps from -20dB to -43dB, with fine adjustment via the front panel. The front panel LED's indicate if tone is not present, both undelayed and delayed. The undelayed tone indication will operate immediately tone is lost, and the delayed tone indication will operate following tone loss for a preset time. The delayed tone indication will extinguish once the signal returns continuously for a preset time period. The good to fail time delay period can be adjusted in 1 second steps between 0-15 seconds. The fail to good time delay period can be adjusted in 0.1 second steps between 0-1.5 seconds. Different delay times and increments can be accommodated by re-programming the delay card. Undelayed remote status signals are provided as Darlington outputs and the delayed remote status signals as isolated relay contacts.



The module is DART compatible and provides monitoring status to the DART Bus.

