

# TC SNMP Implementation Chart - DB6

Version 7.00

In the table below the <X> column refers to one or more fields in aDevEntry, which contains information about the event/error type in the table row.

This means that for a device with a given device number (<DevNo>), the corresponding entry in the MIB will be

.iso.org.dod.internet.private.enterprises.tc.electronic.tcaprx1.tcadev.aDevTable.aDevEntry.<X>.<DevNo>, which in decimal form is .1.3.6.1.4.1.18203.1.3.1.1.<X>.<DevNo>

Status abbreviations: F: Fully Implemented. P: Partly Implemented. N: Not Implemented. NS: Not Implemented, but SNMP signaling is available.

Event Type	Level	Description	Signal	Status	<X> MIB value	Notes
Hardware Anomaly	Fatal	AC power failure. Fatal internal failure. Immediate action required (Auto-change).	Hardware /SNMP	F	adevPresence(7) = lost(5) adevFuzzyStatus(4) = error(2) adevStatus(3) = fatal(5)	Also reported via trap as "Lost connection"
Output Clip	Warning	Clip on any output.	SNMP	NS	adevFuzzyStatus(4) = warning(1) adevStatus(3) = warning(3)	
Input Clip	Warning	Set if Clip on any input.(Threshold -0.5 dBFS)	SNMP	NS	adevPeaking(10) != 0 adevFuzzyStatus(4) = warning(1) adevStatus(3) = warning(3)	Icon version 7.00+ required
Input Anomaly 1	Error	AES data error at input. (Validity, parity, non-pro). Abnormal signal to machine. Inspection required.	SNMP	NS	adevDigInAnomaly(9) != 0 adevFuzzyStatus(4) = error(2) adevStatus(3) = error(4)	
Input Anomaly 2	Error	More than 3 sec continuous over 1VDC (-18dBFS) at any input. Inspection required.	SNMP	NS	adevDCInputs(12) != 0 adevFuzzyStatus(4) = error(2) adevStatus(3) = error(4)	
Silence Detect	Warning	Set if more than 5 sec continuous no signal on all digital inputs. (Threshold -70dBFS).	SNMP	F	adevSilence(11) != 0 adevStatus(3) = warning(3)	Icon version 7.00+ required
Digital Lock Error	Error	No lock on selected digital input. Inspection required.	SNMP	F	adevDigInOverallStatus(8) = nolock(3) adevFuzzyStatus(4) = error(2) adevStatus(3) = error(4)	Icon version 7.00+ required
AES Slip Error	Warning	AES slip (asynch) relative to reference clock at any input. Inspection required.	SNMP	NS	adevDigInOverallStatus(8) = slip(2) adevFuzzyStatus(4) = warning(1) adevStatus(3) = warning(3)	Icon version 7.00+ required
No Reply	Fatal	Machine not repoding. Regarded as hardware anomaly. Immediate action required.	SNMP	F	adevPresence(7) = lost(5) adevFuzzyStatus(4) = error(2) adevStatus(3) = fatal(5)	Icon version 7.00+ required
Program Summary	Info	Reset LM6, start data collection for new program summary. When incremented this will generate a "Program Summary" trap containing the contents of adevPrgSummary(17)	SNMP	NS	adevPrgChange(16) = Sequence number	
Program Summary	Info	Summary of loudness measurements from previous program	SNMP	NS	adevPrgSummary(17) = Display string	
Loudness Over	Warning	Number of Loudness Overs since last reset/program change. When incremented this will generate a "Loudness Over" trap containing the contents of adevPrgLoudnessOver(19)	SNMP	NS	adevPrgLoudnessOverCnt(18) = number	
Loudness Over	Warning	Loudness Over alert	SNMP	NS	adevPrgLoudnessOver(19) = Display string	
Power Status	Warning/Error	One of the power supplies without power	SNMP	F	adevPowerStatus(20) = warning(2) / error(3) adevFuzzyStatus(4) = warning(1) / error(2)	Icon version 7.00+ required