

PURC 5000™ ADVANCED CONTROL QUICK REFERENCE MENU GUIDE

FUNCTIONS

ALGN - STATION ALIGNMENT

Measure De-Emphasized Rx Level
Input Audio Level
Calibrate VCO
VCO 1
VCO 2
VCO 3
VCO 4
VCO 5
VCO 6
VCO 7
Nominal Deviation
Carrier HSO
Binary + Reference
Binary -Reference
Carrier VCXO
Binary + Dig
Binary -Dig
Binary Inet
Output Audio/Ext Source
Output Audio/Int Source
Calibrate Wattmeter

SERV - SERVICE MODE

Key and Read Power
Key Analog Pass Audio
Key Analog 1KHz
Key Binary Pass Data
* Diagnostic Loopback Test
PA Service Mode
User Audio
Select Source (select one)
None
TP4: Input Audio
TP5: Gained Audio
TP6: DSP Input Audio
TP7: Exciter Audio
TP8: Rx Audio
TP9: Line 2 Audio
Speaker Volume
Display Voltage

ALM - ALARMS

Option Alarms - OPT ALMS
Phone Line Delta Delay
Frequency Drift
HSO Clock Failure
Binary Air-time Overflow
Analog Airtime Overflow
Binary Timeout Dekey
Analog Timeout Dekey
Binary Keyup Count Overflow
Analog Keyup Count Overflow
Redundancy Switchover
Station Alarms - STN ALMS
PA Fault 1
PA Fault 2
PA Cutback
Synthesizer Out of Lock
Low Forward Power
High Reflected Power
High VSWR
Tx in Limit
Low Input Level
High Input Level
High Tray Temperature
Battery Revert
Station Executed a Reset
Diagnostics Failure
System Timer
Communications Alarms
MDC Communications Alarms
MDC Rx Failed CRC
MDC Rx Wrong Sys ID
MDC Rx Undefined Reg
MDC Rx Undefined Cmd
MDC Rx Protected Reg
MDC Rx Invalid Sequence
MDC Rx System ID Access
RS232 Comm Alarm
RS232 Failed CRC
RS232 Wrong Sys ID
RS232 Undefined Reg
RS232 Undefined Cmd
RS232 Protected Reg
RS232 Invalid Sequence
RS232 System ID Access
RS232 Dial-In Invalid Pswd
RS232 Dial-In Time Out
RS232 Dial-Out Max Retries
RS232 No Dial-Out Ph #

ALM - ALARMS (Cont'd)

LAN Comm Alarm
LAN Failed CRC
LAN Wrong Sys ID
LAN Undefined Reg
LAN Undefined Cmd
LAN Protected Reg
LAN Invalid Sequence
LAN System ID Access
LAN Master Polled Timeout
LAN Slave No Response
*PICB Comm Alarm
PICB Failed CRC
PICB Wrong Sys ID
PICB Undefined Reg
PICB Undefined Cmd
PICB Protected Reg
PICB Invalid Sequence
PICB System ID Access
Misc Alarm
Wild Card Input 1
...
Wild Card Input 8
Paging Keyup Disable
RS232 - No Modem
RS232 - Modem Failure
RS232 - Line Failure
PURC LAN - Line Failure
* PICB - Line Failure
EE Data Modified
Momentary Alarm
PA Fault 1
PA Fault 2
PA Cutback
Synthesizer Out of Lock
Low Forward Power
High Reflected Power
High VSWR
Tx in Limit
Low Input Level
High Input Level
High Tray Temperature
Battery Revert
Station Executed a Reset
Diagnostics Failure
System Timer

STAT - STATION STATUS

PTT
Disable
Forward Power
Reflected Power
VSWR
Tray Temperature
Firmware Version
UHSO Drift
* Redundancy Status
Redundancy Enabled/Disabled
Slave Status
Switched out of System Yes/No
Master Status
Switched for a Slave Yes/No
Switched Station ID
Switch over upon Alarm Yes/No
Switchover Due to Alarm/Forced
Rx Squelched/Rx Unsquelched

RESET - RESET STATION

Note:
The asterisk (*) indicates that the feature was not offered at the time of printing. However, when available, the feature will operate as referenced in the Installation/Operation Manual.

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PARAMETERS

TX - TRANSMIT

Remote Frequency Adjust En/Dis
Remote Frequency Adjust (steps)
Channel Frequencies
Channel 1
...
Channel 32
Tx Deviation Setup
Maximum Deviation
Nominal Deviation
Nominal Binary Deviation
* Tx DPL/PL Setup
Tx PL/DPL/En/Dis
Tx PL Freq
DPL Code
Flat/Pre-Emphasis
G.T. Notch Enable
Special Tx Setup
Audio Phase Inversion En/Dis
Binary Tx Data Inversion En/Dis
Tx = Rx Enable/Disable

RX - RECEIVE AUDIO

Delay Enable/Disable
Delay (Value)
Gain Enabled/Disable
Gain (Value)
Input Audio from Line/Link/Aux
* AGC Enable/Disable
Buffered Audio Output En/Dis
Line 2 Audio from Receiver/Aux/None
Line 2 Audio Flat/De-Emphasis
Rx DPL/PL Enable/Disable

STN - STATION

* Base Str/Link Tx
Freq Range
Frequency Range Checking En/Dis
Station ID
DRC Setup
* DRC/TRC Mode
System ID
Polled Response via Line 2/RF
Drop Out Delay
Timeout Timer Value/Disable
System Timer Alarm Value/Disable
Password
* TRC Tone Table Selection
* Guard Tone Frequency
Current Channel
Front Panel Password En/Dis
Wattmeter Element
* Serial Number
PURC/PURC 5000

OPT 1 - STATION OPTIONS

Antenna Relay En/Dis
* Auto ID Setup
Auto ID En/Dis
ID Interval
ID on Channel 00
Auto ID (12 digit Value)
Special Key Setup (select one)
Special Key Disable or
Key on Internal CD or
Key on External CD or
Key on Fast Key Req Active Low or
Key on Fast Key Req Active High or
Ext Key Req Active Low or
Ext Key Req Active High
Delta Delay Setup
Delta Delay En/Dis
Delta Delay Threshold
Key Up En/Dis if Alarm
Freq Measurement Setup
Freq Measurement En/Dis
Freq Drift Threshold
Intentional Frequency Offset
Wild Card Input Setup
Wild Card 1 Active HI/LO
...
Wild Card 8 Active HI/LO
Wild Card Output Setup
Wild Card 1 Active/Inactive
...
Wild Card 8 Active/Inactive
Monitor Rx Setup
Rx Enable/Disable
Rx Ext/Int to Station
* Redundancy Setup
Redundancy En/Dis
Master Station Setup Only
Number of Stns in System
Prioritization Enable/Disable
Key Up Enable/Disable
Switchover to Station (station ID)
External Paging Data Setup
Delay Analog/Digital Path
Binary Data Internal/External
RS232/Ext Modem Rx Data
PA Shutdown on High VSWR Enable/Disable
Unsolicited Alarm Reporting
Unsolicited Alm En/Dis
Report via Line2/RS232
* Report via DRC/ASCII

OPT 2 - COMM OPTIONS

RS232 Dial In Setup
Dial In Enable/Disable
Alarm on Number of Invalid Attempts
Action Upon Invalid Attempt Alarm
Auto Baud Detect Enable/Disable
Baud Rate
Smart Modem/No Modem
RS232 Dial Out Setup
Dial Out Phone Number (18 digits max)
Pause After First Digit
Dial Out Via Tone/Pulse
Number of Attempts Before Alarm
* PURC LAN Setup
PURC LAN Enable/Disable
PURC LAN Master/Slave
PURC LAN Site Reporter/Normal
Alarm on Number of Invalid Attempts
PURC LAN ID
* PICB Setup

ACC DS - ACCESS DISABLE

Access En/Dis

ALSET - ALARM SETUP

Fwd Power Alarm Point
Rfl Power Alarm Point
Tray Temperature Alarm Point
* Redundancy Switchover Alarms
Critical / General /Not Selected
PA Fault 1
PA Fault 2
PA Cutback
Synthesizer Out of Lock
Low Forward Power
High Reflected Power
High VSWR
Tx in Limit
Low Input Level
High Input Level
High Tray Temperature
Battery Revert
Station Executed a Reset
Diagnostics Failure
System Timer

ALSET - ALARM SETUP (Cont'd)

Alarm/Verification Relay
Relay Disable/Alarm Mode/Verify Mode
Opt Alarm - Selected/Not Selected
Phone Line Delta Delay
Freq Drift Exceeds Threshold
HSO Clock Failure
Binary Airtime Overflow
Analog Airtime Overflow
Binary Timeout Dekey
Analog Timeout Dekey
Binary Key Count Overflow
Analog Key Count Overflow
Redundancy Switch Occurred
Strn Alarm - Selected/Not Selected
PA Fault 1
PA Fault 2
PA Cutback
Synthesizer Out of Lock
Low Forward Power
High Reflected Power
High VSWR
Tx in Limit
Low Input Level
High Input Level
High Tray Temperature
Battery Revert
Station Executed a Reset
Diagnostics Failure
System Timer
Misc Alarm - Select/Not Selected
Wild Card Input 1
...
Wild Card Input 8
Paging Keyup Disable
RS232 - No Modem
RS232 - Modem Failure
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EE Data Modified