



*Serial-Stat™  
Communications Network*

*XC-SSA  
ASCII Software Protocol Command Summary*

*See Programmers Guide for Complete Details*

*Revision 1.7  
May 1, 1998*

## Serial-Stat™ Adapter Command Set Summary - Read Modes

Function	Adapter Model	ASCII Command	DTMF Command	Parameters	Response
Read All States	ALL	RAS	N/A	address	See corresponding commands.
Read Cool Day	ALL	RCD	723	address	60 - 108 °F (16 - 40 °C)
Read Cool High	ALL	RCH	724	address	60 - 108 °F (16 - 40 °C)
Read Cool Low	ALL	RCL	725	address	60 - 108 °F (16 - 40 °C)
Read Cool Night	ALL	RCN	726	address	60 - 108 °F (16 - 40 °C)
Read Clock Scheduler	XC-SSA2/CLK	RSC	N/A	none	0 = OFF 1 = ON
Read Day/Night Status	ALL	RDS	737	address	DAY NIGHT
Read Adapter Version	ALL	REV	738	none	XC-SSA XC-SSA2, XC-SSA2/CLK
Read Fan Mode	ALL	RFM	736	address	FAN AUTO FAN ON
Read Heat Day	ALL	RHD	743	address	38 - 88 °F (5 - 30 °C)
Read Heat High	ALL	RHH	744	address	38 - 88 °F (5 - 30 °C)
Read Heat Low	ALL	RHL	745	address	38 - 88 °F (35 - 30 °C)
Read Heat Night	ALL	RHN	746	address	38 - 88 °F (35 - 30 °C)
Read Indoor Sensor	ALL	RIS	747	address	LOCAL REMOTE
Read Indoor Temperature	ALL	RIT	748	address	28 - 124 °F (0 - 48 °C)
Read Led Filter	ALL	RLF	753	address	ON OFF
Read Led Wrench	ALL	RLW	759	address	ON OFF

## Serial-Stat™ Adapter Command Set Summary - Read Modes (cont'd)

Function	Adapter Model	ASCII Command	DTMF Command	Parameters	Response
Read Mode Status	ALL	RMS	767	address	OFF COOL HEAT AUTO EHEAT
Read Multiple Commands	ALL	RMC	N/A	Address followed by any legal Read Command	See corresponding commands.
Read On-line List	ALL	ROL	765	none	0 = Not Used 1-255
Read Outdoor Sensor	ALL	ROS	707	address	YES NO
Read Outdoor Temperature	ALL	ROT	708	address	-50 to 124 °F (-48 to 48 °C)
Read System Clock	XC-SSA2/CLK	RSC	772	none	HH:MM:SS (24 HR Mode)
					HH   Hours MM   Minutes SS   Seconds
Read System Date	XC-SSA2/CLK	RSD	773	none	YY-MM-DD.DOW where
					YY   Year MM   Month DD   Day Of Month DOW   Day Of Week
Read Serial Number	ALL	RSN	776	address	SST-1, SN123456 HPT-1, SN123456 HPT-2, SN123456 MST-1, SN123456

### Serial-Stat™ Adapter Command Set Summary - Read Modes (cont'd)

Function	Adapter Model	ASCII Command	DTMF Command	Parameters	Response
Read Stage Status	ALL	RSS	777	address	HEAT, 0 to HEAT,3 COOL ,0 to COOL,2
Read System Update	XC-SSA2/CLK	RSU		none	0 = Off or No Update 1 = Update every 30 seconds
Read Timer Command	XC-SSA2/CLK	RTC		address	See Programmer's Guide <sup>1</sup> .
Read Temperature Scale	ALL	RTS	787	none	FAHRENHEIT CELSIUS
Read Timer Value	ALL	RTV	788	none	0 = Off or Polled Only 5- 255 seconds
Read Verbose Mode	ALL	RVM	786	none	OFF,FAST ECHO,FAST OFF,VERBOSE ECHO,VERBOSE

## Serial-Stat™ Command Set Summary - Write Modes

Function	Adapter Model	ASCII Command	DTMF Command	Parameters	Data Options
Write Cool Day	ALL	WCD	923	addressDdata	60 - 108 °F (16 - 40 °C)
Write Cool High	ALL	WCH	924	addressDdata	60 - 108 °F (16 - 40 °C)
Write Cool Low	ALL	WCL	925	addressDdata	60 - 108 °F (16 - 40 °C)
Write Cool Night	ALL	WCN	926	addressDdata	60 - 108 °F (16 - 40 °C)
Write Clock Scheduler	XC-SSA2/CLK	WCS	N/A	Ddata	0 = OFF 1 = ON
Write Device Address	ALL	WDA	N/A	addressDaddress	1-255
Write Day/Night State	ALL	WDS	937	addressDdata	D = Day N = Night
Write Fan Mode	ALL	WFM	936	addressDdata	A = Fan AUTO O = Fan ON
Write Heat Day	ALL	WHD	943	addressDdata	38 - 88 °F (5 - 30 °C)
Write Heat High	ALL	WHH	944	addressDdata	38 - 88 °F (5 - 30 °C)
Write Heat Low	ALL	WHL	945	addressDdata	38 - 88 °F (5 - 30 °C)
Write Heat Night	ALL	WHN	946	addressDdata	38 - 88 °F (5 - 30 °C)
Write Multiple Commands	ALL	WMC	N/A	address all valid write commands	See corresponding commands.
Write Mode State	ALL	WMS	967	addressDdata	O = OFF C = COOL H = HEAT A = AUTO E = EMERGENCY HEAT

### Serial-Stat™ Command Set Summary - Write Modes (cont'd)

Function	Adapter Model	ASCII Command	DTMF Command	Parameters	Data Options
Write On-line List	ALL	WOL	N/A	dataDdata	<b>0</b>
Write Outdoor Sensor	XC-SSA2	WOS	N/A	addressDdata	<b>0-255</b>
Write System Clock	XC-SSA2/CLK	WSC	<b>972</b>	addressDdata	<b>00:00:00 - 23:59:59</b> (24 Hr.)
Write System Date	XC-SSA2/CLK	WSD	<b>973</b>	addressDdata	<b>MM:DD:YY</b>
Write System Update	XC-SSA2/CLK	WSU	N/A	Ddata	<b>0</b> = OFF <b>1</b> = Update every 30 seconds
Write Timer Command	XC-SSA2/CLK	WTC	N/A	addressDdata	See Programmer's Guide <sup>1</sup> .
Write Temperature Scale	ALL	WTS	<b>987</b>	Ddata	<b>C</b> = Celsius <b>F</b> = Fahrenheit
Write Timer Value	ALL	WTV	N/A	Ddata	<b>0</b> = Off <b>5-255</b> seconds
Write Verbose Mode	ALL	WVM	<b>986</b>	addressDdata	<b>0</b> = Echo Off, Fast Mode <b>1</b> = Echo On, Fast Mode <b>2</b> = Echo Off, Verbose Mode <b>3</b> = Echo On, Verbose Mode

<sup>1</sup> Refer to Guide to Programming XCI Adapter Schedules for additional information.