

SIMPLWINDOWS NAME: Bose Lifestyle 20 Music System

CATEGORY: Receiver

VERSION: 1.0

SUMMARY: Controls all available functions on a Bose Lifestyle 20 Music System

GENERAL NOTES: This module will control all functions available on the Bose Lifestyle 20 Music System. These functions are essentially the same as the functions available on the Bose handheld remote control. No feedback is provided.

Note that you must pulse the SETUP input to enable RS232 communications. After that, all other functions should work correctly. If power is cycled on the unit, you will need to pulse the SETUP input again.

Note that functions such as volume up/down, scan fwd/rev will operate more slowly using this module, than they would using the handheld remote. This is because of a limitation on how fast commands can be sent to the serial port of the Bose system.

CRESTRON HARDWARE REQUIRED: CNXCOM, ST-COM

SETUP OF CRESTRON HARDWARE: RS422
Baud Rate - 1200
Parity - None
Data Bits - 8
Stop Bits - 1

VENDOR FIRMWARE: None

VENDOR SETUP: None

CABLE NUMBER:

Crestron		Bose
9 pin D female		1/8" stereo plug
4	to	ring
5	to	sleeve

CONTROL:

ALL FUNCTIONS D Emulate standard Bose handheld remote functions except as noted below

Function Remarks:

Command to be sent to the Bose unit to make control via its serial port possible. After this command has been sent all the other functions can be used. In case the Bose unit loses power the command will have to be sent again to make control possible again.

SETUP_CONTROL

SKIP FWD Tune UP and NEXT TRACK function

SKIP REV Tune DOWN and PREVIOUS TRACK function

ZONE1 When pressed all standard control functions apply to zone 1. The Bose system starts up in zone 1.

ZONE2 When pressed all standard control functions apply to zone 2

MUTE ALL Mutes zone 1 and 2 simultaneously

MUTE Mutes the zone that is controlled

FEEDBACK:

BOSE-TX\$ S Serial signal to be routed to a RS422 port

OPS USED FOR TESTING: 5.09.07x

COMPILER USED FOR TESTING: SimplWindows Version 1.30.01

SAMPLE PROGRAM: BOSETSTA

REVISION HISTORY: None