

VS-3 Stand Alone Mode

For VS-3 as a stand alone system. ADA bus address must be set to (stand alone)

VS-3 as a stand alone system is wired as a function and is considered as a room. The room number is the Output number . You must use an SSD-66 to control audio levels. This mode of operation is referred to as "Stand Alone" mode.

UNIT: VS-3

FUNCTION: OUTPUT SELECT 1

CONTROL BYTE 0: B8h

CONTROL BYTE 1: 45h

CONTROL BYTE 2: 52h

CONTROL BYTE 3: 00h

CONTROL BYTE 4: A9h

CONTROL BYTE 5: B9h

CONTROL BYTE 6: 4Bh

CONTROL BYTE 7: 43h

CONTROL BYTE 8: A9h

CONTROL BYTE 9: B8h

Feedback 1: 0Fh (12 Character Output Data, Only First 4 Used) 93h 00h F0h

Feedback 2: 0Fh (12 Character Audio Input Data, Only First 4 Used) 94h (IDCODE2) F0h

IDCODE2= 30h-37h= INPUT 1-8, 39h=OFF

Feedback 3 : 0Fh (12 Character Video Output Data, Only First 4 Used) 95h (30h-37h) F0h

UNIT: VS-3

FUNCTION: OUTPUT SELECT 2

CONTROL BYTE 0: B8h

CONTROL BYTE 1: 45h

CONTROL BYTE 2: 52h

CONTROL BYTE 3: 01h

CONTROL BYTE 4: A9h

CONTROL BYTE 5: B9h

CONTROL BYTE 6: 4Bh

CONTROL BYTE 7: 43h

CONTROL BYTE 8: A9h

CONTROL BYTE 9: B8h

Feedback 1: 0Fh (12 Character Output Data, Only First 4 Used) 93h 01h F0h

Feedback 2: 0Fh (12 Character Audio Input Data, Only First 4 Used) 94h (IDCODE2) F0h

IDCODE2= 30h-37h= INPUT 1-8, 39h=OFF

Feedback 3 : 0Fh (12 Character Video Output Data, Only First 4 Used) 95h (30h-37h) F0h

UNIT: VS-3

FUNCTION: OUTPUT SELECT 3

CONTROL BYTE 0: B8h

CONTROL BYTE 1: 45h

CONTROL BYTE 2: 52h

CONTROL BYTE 3: 02h

CONTROL BYTE 4: A9h

CONTROL BYTE 5: B9h

CONTROL BYTE 6: 4Bh

CONTROL BYTE 7: 43h

CONTROL BYTE 8: A9h

CONTROL BYTE 9: B8h

Feedback 1: 0Fh (12 Character Output Data, Only First 4 Used) 93h 02h F0h

Feedback 2: 0Fh (12 Character Audio Input Data, Only First 4 Used) 94h (IDCODE2) F0h
IDCODE2= 30h-37h= INPUT 1-8, 39h=OFF
Feedback 3 : 0Fh (12 Character Video Output Data, Only First 4 Used) 95h (30h-37h) F0h

UNIT:VS-3

FUNCTION: OUTPUT 1 UPDATE REQUEST

CONTROL BYTE 0: B8h
CONTROL BYTE 1: 45h
CONTROL BYTE 2: 52h
CONTROL BYTE 3: 00h
CONTROL BYTE 4: A9h
CONTROL BYTE 5: B9h
CONTROL BYTE 6: 52h
CONTROL BYTE 7: 00h
CONTROL BYTE 8: A9h
CONTROL BYTE 9: B8h

Feedback 1: 0Fh (12 Character Output Data, Only First 4 Used) 93h 00h F0h
Feedback 2: 0Fh (12 Character Audio Input Data, Only First 4 Used) 94h (IDCODE2) F0h
IDCODE2= 30h-37h= INPUT 1-8, 39h=OFF
Feedback 3 : 0Fh (12 Character Video Output Data, Only First 4 Used) 95h (30h-37h) F0h

UNIT: VS-3

FUNCTION: OUTPUT 2 UPDATE REQUEST

CONTROL BYTE 0: B8h
CONTROL BYTE 1: 45h
CONTROL BYTE 2: 52h
CONTROL BYTE 3: 01h
CONTROL BYTE 4: A9h
CONTROL BYTE 5: B9h
CONTROL BYTE 6: 52h
CONTROL BYTE 7: 01h
CONTROL BYTE 8: A9h
CONTROL BYTE 9: B8h

Feedback 1: 0Fh (12 Character Output Data, Only First 4 Used) 93h 01h F0h
Feedback 2: 0Fh (12 Character Audio Input Data, Only First 4 Used) 94h (IDCODE2) F0h
IDCODE2= 30h-37h= INPUT 1-8, 39h=OFF
Feedback 3 : 0Fh (12 Character Video Output Data, Only First 4 Used) 95h (30h-37h) F0h

UNIT: VS-3

FUNCTION: OUTPUT 3 UPDATE REQUEST

CONTROL BYTE 0: B8h
CONTROL BYTE 1: 45h
CONTROL BYTE 2: 52h
CONTROL BYTE 3: 02h
CONTROL BYTE 4: A9h
CONTROL BYTE 5: B9h
CONTROL BYTE 6: 52h
CONTROL BYTE 7: 02h
CONTROL BYTE 8: A9h
CONTROL BYTE 9: B8h

Feedback 1: 0Fh (12 Character Output Data, Only First 4 Used) 93h 02h F0h
Feedback 2: 0Fh (12 Character Audio Input Data, Only First 4 Used) 94h (IDCODE2) F0h
IDCODE2= 30h-37h= INPUT 1-8, 39h=OFF
Feedback 3 : 0Fh (12 Character Video Output Data, Only First 4 Used) 95h (30h-37h) F0h

UNIT: VS-3

FUNCTION: CURRENT OUTPUT UPDATE REQUEST

CONTROL BYTE 0: B8h

CONTROL BYTE 1: 45h

CONTROL BYTE 2: 52h

CONTROL BYTE 3: 03h

CONTROL BYTE 4: A9h

CONTROL BYTE 5: B9h

CONTROL BYTE 6: 52h

CONTROL BYTE 7: 03h

CONTROL BYTE 8: A9h

CONTROL BYTE 9: B8h

Feedback 1: 0Fh (12 Character Output Data, Only First 4 Used) 93h (00h,01h OR 02h) F0h

Feedback 2: 0Fh (12 Character Audio Input Data, Only First 4 Used) 94h (IDCODE2) F0h

IDCODE2= 30h-37h= INPUT 1-8, 39h=OFF

Feedback 3 : 0Fh (12 Character Video Output Data, Only First 4 Used) 95h (30h-37h) F0h

UNIT: VS-3

FUNCTION: RF SELECT SCROLL, SEQUENCES THROUGH RF1,RF2,RF3.

CONTROL BYTE 0: B8h

CONTROL BYTE 1: 45h

CONTROL BYTE 2: 52h

CONTROL BYTE 3: Output Number, OUT1= 00h, OUT2= 01h, OUT3= 02h

CONTROL BYTE 4: A9h

CONTROL BYTE 5: B9h

CONTROL BYTE 6: 4Bh

CONTROL BYTE 7: 44h

CONTROL BYTE 8: A9h

CONTROL BYTE 9: B8h

Feedback 1: 0Fh (12 CHARACTER DATA, see example) 93h (00h,01h OR 02h)F0h

ie. , RF1-A,RF1-B,RF2-A,RF2-B,RF3-A,RF3-B

UNIT: VS-3

FUNCTION: RF SELECT TOGGLE, TOGGLES BETWEEN A AND B.

CONTROL BYTE 0: B8h

CONTROL BYTE 1: 45h

CONTROL BYTE 2: 52h

CONTROL BYTE 3: Output Number, OUT1= 00h, OUT2= 01h, OUT3= 02h

CONTROL BYTE 4: A9h

CONTROL BYTE 5: B9h

CONTROL BYTE 6: 4Bh

CONTROL BYTE 7: 45h

CONTROL BYTE 8: A9h

CONTROL BYTE 9: B8h

Feedback 1: 0Fh (12 CHARACTER DATA, see example) 93h (00h,01h OR 02h)F0h

ie. , RF1-A,RF1-B,RF2-A,RF2-B,RF3-A,RF3-B

UNIT: VS-3

FUNCTION: OFF

CONTROL BYTE 0: B8h

CONTROL BYTE 1: 45h

CONTROL BYTE 2: 52h

CONTROL BYTE 3: Output Number, OUT1= 00h, OUT2= 01h, OUT3= 02h

CONTROL BYTE 4: A9h

CONTROL BYTE 5: B9h

CONTROL BYTE 6: 4Bh
CONTROL BYTE 7: 38h
CONTROL BYTE 9: B8h
Feedback 1: 0Fh (12 CHARACTER DATA, "OFF ") 93h (00h,01h OR 02h)F0h
Feedback 2: 0Fh (12 CHARACTER DATA, "OFF ") 94h 39h F0h
Feedback 3: 0Fh (12 CHARACTER DATA, "OFF ") 95h 39h F0h

UNIT: VS-3

FUNCTION: AV1

CONTROL BYTE 0: B8h
CONTROL BYTE 1: 45h
CONTROL BYTE 2: 52h
CONTROL BYTE 3: Output Number, OUT1=00h,OUT2=01h ,OUT3=02h
CONTROL BYTE 4: A9h
CONTROL BYTE 5: B9h
CONTROL BYTE 6: 4Bh
CONTROL BYTE 7: 30h
CONTROL BYTE 8: A9h
CONTROL BYTE 9: B8h
Feedback 1: 0Fh (12 Character Output Data, Only First 4 Used) 93h (00h,01h OR 02h)F0h
Feedback 2: 0Fh (12 Character Audio Input Data, Only First 4 Used) 94h 30h F0h
Feedback 3: 0Fh (12 Character Video Input Data, Only First 4 Used) 95h (30h-37h) F0h

UNIT: VS-3

FUNCTION: AV2

CONTROL BYTE 0: B8h
CONTROL BYTE 1: 45h
CONTROL BYTE 2: 52h
CONTROL BYTE 3: Output Number, OUT1=00h,OUT2=01h ,OUT3=02h
CONTROL BYTE 4: A9h
CONTROL BYTE 5: B9h
CONTROL BYTE 6: 4Bh
CONTROL BYTE 7: 31h
CONTROL BYTE 8: A9h
CONTROL BYTE 9: B8h
Feedback 1: 0Fh (12 Character Output Data, Only First 4 Used) 93h (00h,01h OR 02h)F0h
Feedback 2: 0Fh (12 Character Audio Input Data, Only First 4 Used) 94h 31h F0h
Feedback 3: 0Fh (12 Character Video Input Data, Only First 4 Used) 95h (30h-37h) F0h

UNIT: VS-3

FUNCTION: AV3

CONTROL BYTE 0: B8h
CONTROL BYTE 1: 45h
CONTROL BYTE 2: 52h
CONTROL BYTE 3: Output Number, OUT1=00h,OUT2=01h ,OUT3=02h
CONTROL BYTE 4: A9h
CONTROL BYTE 5: B9h
CONTROL BYTE 6: 4Bh
CONTROL BYTE 7: 32h
CONTROL BYTE 8: A9h
CONTROL BYTE 9: B8h
Feedback 1: 0Fh (12 Character Output Data, Only First 4 Used) 93h (00h,01h OR 02h)F0h
Feedback 2: 0Fh (12 Character Audio Input Data, Only First 4 Used) 94h 32h F0h
Feedback 3: 0Fh (12 Character Video Input Data, Only First 4 Used) 95h (30h-37h) F0h

UNIT: VS-3
FUNCTION: AV4
CONTROL BYTE 0: B8h
CONTROL BYTE 1: 45h
CONTROL BYTE 2: 52h
CONTROL BYTE 3: Output Number, OUT1=00h,OUT2=01h ,OUT3=02h
CONTROL BYTE 4: A9h
CONTROL BYTE 5: B9h
CONTROL BYTE 6: 4Bh
CONTROL BYTE 7: 33h
CONTROL BYTE 8: A9h
CONTROL BYTE 9: B8h
Feedback 1: 0Fh (12 Character Output Data, Only First 4 Used) 93h (00h,01h OR 02h)F0h
Feedback 2: 0Fh (12 Character Audio Input Data, Only First 4 Used) 94h 33h F0h
Feedback 3: 0Fh (12 Character Video Input Data, Only First 4 Used) 95h (30h-37h) F0h

UNIT: VS-3
FUNCTION: AV5
CONTROL BYTE 0: B8h
CONTROL BYTE 1: 45h
CONTROL BYTE 2: 52h
CONTROL BYTE 3: Output Number, OUT1=00h,OUT2=01h ,OUT3=02h
CONTROL BYTE 4: A9h
CONTROL BYTE 5: B9h
CONTROL BYTE 6: 4Bh
CONTROL BYTE 7: 34h
CONTROL BYTE 8: A9h
CONTROL BYTE 9: B8h
Feedback 1: 0Fh (12 Character Output Data, Only First 4 Used) 93h (00h,01h OR 02h)F0h
Feedback 2: 0Fh (12 Character Audio Input Data, Only First 4 Used) 94h 34h F0h
Feedback 3: 0Fh (12 Character Video Input Data, Only First 4 Used) 95h (30h-37h) F0h

UNIT: VS-3
FUNCTION: AV6
CONTROL BYTE 0: B8h
CONTROL BYTE 1: 45h
CONTROL BYTE 2: 52h
CONTROL BYTE 3: Output Number, OUT1=00h,OUT2=01h ,OUT3=02h
CONTROL BYTE 4: A9h
CONTROL BYTE 5: B9h
CONTROL BYTE 6: 4Bh
CONTROL BYTE 7: 35h
CONTROL BYTE 8: A9h
CONTROL BYTE 9: B8h
Feedback 1: 0Fh (12 Character Output Data, Only First 4 Used) 93h (00h,01h OR 02h)F0h
Feedback 2: 0Fh (12 Character Audio Input Data, Only First 4 Used) 94h 35h F0h
Feedback 3: 0Fh (12 Character Video Input Data, Only First 4 Used) 95h (30h-37h) F0h

UNIT: VS-3
FUNCTION: AV7
CONTROL BYTE 0: B8h

CONTROL BYTE 1: 45h
CONTROL BYTE 2: 52h
CONTROL BYTE 3: Output Number, OUT1=00h,OUT2=01h ,OUT3=02h
CONTROL BYTE 4: A9h
CONTROL BYTE 5: B9h
CONTROL BYTE 6: 4Bh
CONTROL BYTE 7: 36h
CONTROL BYTE 8: A9h
CONTROL BYTE 9: B8h
Feedback 1: 0Fh (12 Character Output Data, Only First 4 Used) 93h (00h,01h OR 02h)F0h
Feedback 2: 0Fh (12 Character Audio Input Data, Only First 4 Used) 94h 36h F0h
Feedback 3: 0Fh (12 Character Video Input Data, Only First 4 Used) 95h (30h-37h) F0h

UNIT: VS-3

FUNCTION: AV8

CONTROL BYTE 0: B8h
CONTROL BYTE 1: 45h
CONTROL BYTE 2: 52h
CONTROL BYTE 3: Output Number, OUT1=00h,OUT2=01h ,OUT3=02h
CONTROL BYTE 4: A9h
CONTROL BYTE 5: B9h
CONTROL BYTE 6: 4Bh
CONTROL BYTE 7: 37h
CONTROL BYTE 8: A9h
CONTROL BYTE 9: B8h
Feedback 1: 0Fh (12 Character Output Data, Only First 4 Used) 93h (00h,01h OR 02h)F0h
Feedback 2: 0Fh (12 Character Audio Input Data, Only First 4 Used) 94h 37h F0h
Feedback 3: 0Fh (12 Character Video Input Data, Only First 4 Used) 95h (30h-37h) F0h

UNIT: VS-3

FUNCTION: A/V SPLIT

CONTROL BYTE 0: B8h
CONTROL BYTE 1: 45h
CONTROL BYTE 2: 52h
CONTROL BYTE 3: Output Number, OUT1=00h,OUT2=01h ,OUT3=02h
CONTROL BYTE 4: A9h
CONTROL BYTE 5: B9h
CONTROL BYTE 6: 4Bh
CONTROL BYTE 7: 84h
CONTROL BYTE 8: A9h
CONTROL BYTE 9: B8h
Feedback :NONE

FUNCTION: DIRECT A/V SPLIT SELECTION

CONTROL BYTE 0: B8h
CONTROL BYTE 1: 45h
CONTROL BYTE 2: 52h
CONTROL BYTE 3: Output Number, OUT 1=00h, OUT 2=01h, OUT 3=02h
CONTROL BYTE 4: A9h
CONTROL BYTE 5: B9h
CONTROL BYTE 6: 4Bh
CONTROL BYTE 7: 8Ah=Audio ONLY, 8Bh=Video ONLY, 8Ch=Audio & Video
CONTROL BYTE 8: A9h

CONTROL BYTE 9: B8h

UNIT: VS-3

FUNCTION: Swap A/V between outputs 1 and 3

CONTROL BYTE 0: B8h

CONTROL BYTE 1: 45h

CONTROL BYTE 2: 52h

CONTROL BYTE 3: Output Number, OUT 1=00h, OUT 2=01h, OUT 3=02h

CONTROL BYTE 4: A9h

CONTROL BYTE 5: B9h

CONTROL BYTE 6: 4Bh

CONTROL BYTE 7: 8Dh

CONTROL BYTE 8: A9h

CONTROL BYTE 9: B8h

UNIT: VS-3

FUNCTION: Swap A/V between outputs 2 and 3

CONTROL BYTE 0: B8h

CONTROL BYTE 1: 45h

CONTROL BYTE 2: 52h

CONTROL BYTE 3: Output Number, OUT 1=00h, OUT 2=01h, OUT 3=02h

CONTROL BYTE 4: A9h

CONTROL BYTE 5: B9h

CONTROL BYTE 6: 4Bh

CONTROL BYTE 7: 8Eh

CONTROL BYTE 8: A9h

CONTROL BYTE 9: B8h