**HX Matrix RS-232 commands**

Code Function

20 01 01 00 1F Output 1 disconnect

20 01 01 01 41 Output 1 select Input 1

20 01 01 02 A3 Output 1 select Input 2

20 01 01 03 FD Output 1 select Input 3

20 01 01 04 7E Output 1 select Input 4

20 01 01 05 20 Output 1 select Input 5

20 01 01 06 C2 Output 1 select Input 6

20 01 01 07 9C Output 1 select Input 7

20 01 01 08 DD Output 1 select Input 8

20 01 01 09 83 Output 1 select Input 9

20 01 01 0A 61 Output 1 select Input 10

20 01 01 0B 3F Output 1 select Input 11

20 01 01 0C BC Output 1 select Input 12

20 01 01 0D E2 Output 1 select Input 13

20 01 01 0E 00 Output 1 select Input 14

20 01 01 0F 5E Output 1 select Input 15

20 01 01 10 82 Output 1 select Input 16

20 01 02 00 4A Output 2 disconnect

20 01 02 01 14 Output 2 select Input 1

20 01 02 02 F6 Output 2 select Input 2

20 01 02 03 A8 Output 2 select Input 3

20 01 02 04 2B Output 2 select Input 4

20 01 02 05 75 Output 2 select Input 5

20 01 02 06 97 Output 2 select Input 6

20 01 02 07 C9 Output 2 select Input 7

20 01 02 08 88 Output 2 select Input 8

20 01 02 09 D6 Output 2 select Input 9

20 01 02 0A 34 Output 2 select Input 10

20 01 02 0B 6A Output 2 select Input 11

20 01 02 0C E9 Output 2 select Input 12

20 01 02 0D B7 Output 2 select Input 13

20 01 02 0E 55 Output 2 select Input 14

20 01 02 0F 0B Output 2 select Input 15

20 01 02 10 D7 Output 2 select Input 16

20 01 03 00 8E Output 3 disconnect

20 01 03 01 D0 Output 3 select Input 1

20 01 03 02 32 Output 3 select Input 2

20 01 03 03 6C Output 3 select Input 3

20 01 03 04 EF Output 3 select Input 4

20 01 03 05 B1 Output 3 select Input 5

20 01 03 06 53 Output 3 select Input 6

20 01 03 07 0D Output 3 select Input 7

20 01 03 08 4C Output 3 select Input 8

20 01 03 09 12 Output 3 select Input 9

20 01 03 0A F0 Output 3 select Input 10

20 01 03 0B AE Output 3 select Input 11

20 01 03 0C 2D Output 3 select Input 12

20 01 03 0D 73 Output 3 select Input 13

20 01 03 0E 91 Output 3 select Input 14

20 01 03 0F CF Output 3 select Input 15

20 01 03 10 13 Output 3 select Input 16

20 01 04 00 E0 Output 4 disconnect

20 01 04 01 BE Output 4 select Input 1

20 01 04 02 5C Output 4 select Input 2

20 01 04 03 02 Output 4 select Input 3

20 01 04 04 81 Output 4 select Input 4

20 01 04 05 DF Output 4 select Input 5

20 01 04 06 3D Output 4 select Input 6

20 01 04 07 63 Output 4 select Input 7

20 01 04 08 22 Output 4 select Input 8

20 01 04 09 7C Output 4 select Input 9

20 01 04 0A 9E Output 4 select Input 10

20 01 04 0B C0 Output 4 select Input 11

20 01 04 0C 43 Output 4 select Input 12

20 01 04 0D 1D Output 4 select Input 13

20 01 04 0E FF Output 4 select Input 14

20 01 04 0F A1 Output 4 select Input 15

20 01 04 10 7D Output 4 select Input 16

20 01 05 00 24 Output 5 disconnect

20 01 05 01 7A Output 5 select Input 1

20 01 05 02 98 Output 5 select Input 2

20 01 05 03 C6 Output 5 select Input 3

20 01 05 04 45 Output 5 select Input 4

20 01 05 05 1B Output 5 select Input 5

20 01 05 06 F9 Output 5 select Input 6

20 01 05 07 A7 Output 5 select Input 7

20 01 05 08 E6 Output 5 select Input 8

20 01 05 09 B8 Output 5 select Input 9

20 01 05 0A 5A Output 5 select Input 10

20 01 05 0B 04 Output 5 select Input 11

20 01 05 0C 87 Output 5 select Input 12

20 01 05 0D D9 Output 5 select Input 13

20 01 05 0E 3B Output 5 select Input 14

20 01 05 0F 65 Output 5 select Input 15

20 01 05 10 B9 Output 5 select Input 16

20 01 06 00 71 Output 6 disconnect

20 01 06 01 2F Output 6 select Input 1

20 01 06 02 CD Output 6 select Input 2

20 01 06 03 93 Output 6 select Input 3

20 01 06 04 10 Output 6 select Input 4

20 01 06 05 4E Output 6 select Input 5

20 01 06 06 AC Output 6 select Input 6

20 01 06 07 F2 Output 6 select Input 7

20 01 06 08 B3 Output 6 select Input 8

20 01 06 09 ED Output 6 select Input 9

20 01 06 0A 0F Output 6 select Input 10

20 01 06 0B 51 Output 6 select Input 11

20 01 06 0C D2 Output 6 select Input 12

20 01 06 0D 8C Output 6 select Input 13

20 01 06 0E 6E Output 6 select Input 14

20 01 06 0F 30 Output 6 select Input 15

20 01 06 10 EC Output 6 select Input 16

20 01 07 00 B5 Output 7 disconnect

20 01 07 01 EB Output 7 select Input 1

20 01 07 02 09 Output 7 select Input 2

20 01 07 03 57 Output 7 select Input 3

20 01 07 04 D4 Output 7 select Input 4

20 01 07 05 8A Output 7 select Input 5

20 01 07 06 68 Output 7 select Input 6

20 01 07 07 36 Output 7 select Input 7

20 01 07 08 77 Output 7 select Input 8

20 01 07 09 29 Output 7 select Input 9

20 01 07 0A CB Output 7 select Input 10

20 01 07 0B 95 Output 7 select Input 11

20 01 07 0C 16 Output 7 select Input 12

20 01 07 0D 48 Output 7 select Input 13

20 01 07 0E AA Output 7 select Input 14

20 01 07 0F F4 Output 7 select Input 15

20 01 07 10 28 Output 7 select Input 16

20 01 08 00 AD Output 8 disconnect

20 01 08 01 F3 Output 8 select Input 1

20 01 08 02 11 Output 8 select Input 2

20 01 08 03 4F Output 8 select Input 3

20 01 08 04 CC Output 8 select Input 4

20 01 08 05 92 Output 8 select Input 5

20 01 08 06 70 Output 8 select Input 6

20 01 08 07 2E Output 8 select Input 7

20 01 08 08 6F Output 8 select Input 8

20 01 08 09 31 Output 8 select Input 9

20 01 08 0A D3 Output 8 select Input 10

20 01 08 0B 8D Output 8 select Input 11

20 01 08 0C 0E Output 8 select Input 12

20 01 08 0D 50 Output 8 select Input 13

20 01 08 0E B2 Output 8 select Input 14

20 01 08 0F EC Output 8 select Input 15

20 01 08 10 30 Output 8 select Input 16

20 01 09 00 69 Output 9 disconnect

20 01 09 01 37 Output 9 select Input 1

20 01 09 02 D5 Output 9 select Input 2

20 01 09 03 8B Output 9 select Input 3

20 01 09 04 08 Output 9 select Input 4

20 01 09 05 56 Output 9 select Input 5

20 01 09 06 B4 Output 9 select Input 6

20 01 09 07 EA Output 9 select Input 7

20 01 09 08 AB Output 9 select Input 8

20 01 09 09 F5 Output 9 select Input 9

20 01 09 0A 17 Output 9 select Input 10

20 01 09 0B 49 Output 9 select Input 11

20 01 09 0C CA Output 9 select Input 12

20 01 09 0D 94 Output 9 select Input 13

20 01 09 0E 76 Output 9 select Input 14

20 01 09 0F 28 Output 9 select Input 15

20 01 09 10 F4 Output 9 select Input 16

20 01 0A 00 3C Output 10 disconnect

20 01 0A 01 62 Output 10 select Input 1

20 01 0A 02 80 Output 10 select Input 2

20 01 0A 03 DE Output 10 select Input 3

20 01 0A 04 5D Output 10 select Input 4

20 01 0A 05 03 Output 10 select Input 5

20 01 0A 06 E1 Output 10 select Input 6

20 01 0A 07 BF Output 10 select Input 7

20 01 0A 08 FE Output 10 select Input 8

20 01 0A 09 A0 Output 10 select Input 9

20 01 0A 0A 42 Output 10 select Input 10

20 01 0A 0B 1C Output 10 select Input 11

20 01 0A 0C 9F Output 10 select Input 12

20 01 0A 0D C1 Output 10 select Input 13

20 01 0A 0E 23 Output 10 select Input 14

20 01 0A 0F 7D Output 10 select Input 15

20 01 0A 10 A1 Output 10 select Input 16

20 01 0B 00 F8 Output 11 disconnect

20 01 0B 01 A6 Output 11 select Input 1

20 01 0B 02 44 Output 11 select Input 2

20 01 0B 03 1A Output 11 select Input 3

20 01 0B 04 99 Output 11 select Input 4

20 01 0B 05 C7 Output 11 select Input 5

20 01 0B 06 25 Output 11 select Input 6

20 01 0B 07 7B Output 11 select Input 7

20 01 0B 08 3A Output 11 select Input 8

20 01 0B 09 64 Output 11 select Input 9

20 01 0B 0A 86 Output 11 select Input 10

20 01 0B 0B D8 Output 11 select Input 11

20 01 0B 0C 5B Output 11 select Input 12

20 01 0B 0D 05 Output 11 select Input 13

20 01 0B 0E E7 Output 11 select Input 14

20 01 0B 0F B9 Output 11 select Input 15

20 01 0B 10 65 Output 11 select Input 16

20 01 0C 00 96 Output 12 disconnect

20 01 0C 01 C8 Output 12 select Input 1

20 01 0C 02 2A Output 12 select Input 2

20 01 0C 03 74 Output 12 select Input 3

20 01 0C 04 F7 Output 12 select Input 4

20 01 0C 05 A9 Output 12 select Input 5

20 01 0C 06 4B Output 12 select Input 6

20 01 0C 07 15 Output 12 select Input 7

20 01 0C 08 54 Output 12 select Input 8

20 01 0C 09 0A Output 12 select Input 9

20 01 0C 0A E8 Output 12 select Input 10

20 01 0C 0B B6 Output 12 select Input 11

20 01 0C 0C 35 Output 12 select Input 12

20 01 0C 0D 6B Output 12 select Input 13

20 01 0C 0E 89 Output 12 select Input 14

20 01 0C 0F D7 Output 12 select Input 15

20 01 0C 10 0B Output 12 select Input 16

20 01 0D 00 52 Output 13 disconnect

20 01 0D 01 0C Output 13 select Input 1

20 01 0D 02 EE Output 13 select Input 2

20 01 0D 03 B0 Output 13 select Input 3

20 01 0D 04 33 Output 13 select Input 4

20 01 0D 05 6D Output 13 select Input 5

20 01 0D 06 8F Output 13 select Input 6

20 01 0D 07 D1 Output 13 select Input 7

20 01 0D 08 90 Output 13 select Input 8

20 01 0D 09 CE Output 13 select Input 9

20 01 0D 0A 2C Output 13 select Input 10

20 01 0D 0B 72 Output 13 select Input 11

20 01 0D 0C F1 Output 13 select Input 12

20 01 0D 0D AF Output 13 select Input 13

20 01 0D 0E 4D Output 13 select Input 14

20 01 0D 0F 13 Output 13 select Input 15

20 01 0D 10 CF Output 13 select Input 16

20 01 0E 00 07 Output 14 disconnect

20 01 0E 01 59 Output 14 select Input 1

20 01 0E 02 BB Output 14 select Input 2

20 01 0E 03 E5 Output 14 select Input 3

20 01 0E 04 66 Output 14 select Input 4

20 01 0E 05 38 Output 14 select Input 5

20 01 0E 06 DA Output 14 select Input 6

20 01 0E 07 84 Output 14 select Input 7

20 01 0E 08 C5 Output 14 select Input 8

20 01 0E 09 9B Output 14 select Input 9

20 01 0E 0A 79 Output 14 select Input 10

20 01 0E 0B 27 Output 14 select Input 11

20 01 0E 0C A4 Output 14 select Input 12

20 01 0E 0D FA Output 14 select Input 13

20 01 0E 0E 18 Output 14 select Input 14

20 01 0E 0F 46 Output 14 select Input 15

20 01 0E 10 9A Output 14 select Input 16

20 01 0F 00 C3 Output 15 disconnect

20 01 0F 01 9D Output 15 select Input 1

20 01 0F 02 7F Output 15 select Input 2

20 01 0F 03 21 Output 15 select Input 3

20 01 0F 04 A2 Output 15 select Input 4

20 01 0F 05 FC Output 15 select Input 5

20 01 0F 06 1E Output 15 select Input 6

20 01 0F 07 40 Output 15 select Input 7

20 01 0F 08 01 Output 15 select Input 8

20 01 0F 09 5F Output 15 select Input 9

20 01 0F 0A BD Output 15 select Input 10

20 01 0F 0B E3 Output 15 select Input 11

20 01 0F 0C 60 Output 15 select Input 12

20 01 0F 0D 3E Output 15 select Input 13

20 01 0F 0E DC Output 15 select Input 14

20 01 0F 0F 82 Output 15 select Input 15

20 01 0F 10 5E Output 15 select Input 16

20 01 10 00 37 Output 16 disconnect

20 01 10 01 69 Output 16 select Input 1

20 01 10 02 8B Output 16 select Input 2

20 01 10 03 D5 Output 16 select Input 3

20 01 10 04 56 Output 16 select Input 4

20 01 10 05 08 Output 16 select Input 5

20 01 10 06 EA Output 16 select Input 6

20 01 10 07 B4 Output 16 select Input 7

20 01 10 08 F5 Output 16 select Input 8

20 01 10 09 AB Output 16 select Input 9

20 01 10 0A 49 Output 16 select Input 10

20 01 10 0B 17 Output 16 select Input 11

20 01 10 0C 94 Output 16 select Input 12

20 01 10 0D CA Output 16 select Input 13

20 01 10 0E 28 Output 16 select Input 14

20 01 10 0F 76 Output 16 select Input 15

20 01 10 10 AA Output 16 select Input 16

20 01 00 00 DB All Outputs disconnect

20 01 00 01 85 All Outputs select Input 1

20 01 00 02 67 All Outputs select Input 2

20 01 00 03 39 All Outputs select Input 3

20 01 00 04 BA All Outputs select Input 4

20 01 00 05 E4 All Outputs select Input 5

20 01 00 06 06 All Outputs select Input 6

20 01 00 07 58 All Outputs select Input 7

20 01 00 08 19 All Outputs select Input 8

20 01 00 09 47 All Outputs select Input 9

20 01 00 0A A5 All Outputs select Input 10

20 01 00 0B FB All Outputs select Input 11

20 01 00 0C 78 All Outputs select Input 12

20 01 00 0D 26 All Outputs select Input 13

20 01 00 0E C4 All Outputs select Input 14

20 01 00 0F 9A All Outputs select Input 15

20 01 00 10 46 All Outputs select Input 16

20 03 00 01 CA Video Settings Save to Memory 1

20 03 00 02 28 Video Settings Save to Memory 2

20 03 00 03 76 Video Settings Save to Memory 3

20 03 00 04 F5 Video Settings Save to Memory 4

20 03 00 05 AB Video Settings Save to Memory 5

20 03 00 06 49 Video Settings Save to Memory 6

20 03 00 07 17 Video Settings Save to Memory 7

20 03 00 08 56 Video Settings Save to Memory 8

20 05 00 01 1B Video Settings Load from Memory 1

20 05 00 02 F9 Video Settings Load from Memory 2

20 05 00 03 A7 Video Settings Load from Memory 3

20 05 00 04 24 Video Settings Load from Memory 4

20 05 00 05 7A Video Settings Load from Memory 5

20 05 00 06 98 Video Settings Load from Memory 6

20 05 00 07 C6 Video Settings Load from Memory 7

20 05 00 08 87 Video Settings Load from Memory 8

**EDID RS232 Codes**

Code Function

20 20 00 00 E4 EDID Default (1080P)

20 20 00 01 BA EDID Copy From Output 1

20 20 00 02 58 EDID Copy From Output 2

20 20 00 03 06 EDID Copy From Output 3

20 20 00 04 85 EDID Copy From Output 4

20 20 00 05 DB EDID Copy From Output 5

20 20 00 06 39 EDID Copy From Output 6

20 20 00 07 67 EDID Copy From Output 7

20 20 00 08 26 EDID Copy From Output 8

20 20 00 09 78 EDID Copy From Output 9

20 20 00 0A 9A EDID Copy From Output 10

20 20 00 0B C4 EDID Copy From Output 11

20 20 00 0C 47 EDID Copy From Output 12

20 20 00 0D 19 EDID Copy From Output 13

20 20 00 0E FB EDID Copy From Output 14

20 20 00 0F A5 EDID Copy From Output 15

20 20 00 10 79 EDID Copy From Output 16

20 20 00 11 27 EDID Copy From Memory (For HX-1616) (Index = Port Max+1)

20 20 00 09 78 EDID Copy From Memory (For HX-88) (EDID Index = 9)

20 20 00 05 DB EDID Copy From Memory (For HX-44) (EDID Index = 5)