

스탠다드 컨트롤러 (15KEY) 멤브레인 / 프로젝터 제어 방법

▼프로토콜 입력 방법

- 터치 ① - ② - ③ - ④ - ④ - ④
- 전체 **LED** 점등 후 / **START · END** 버튼만 **ON** 표시됨
- 빔 프로젝터 코드 (상단 / 하단) 입력 후 ③ - **SAVE**
- 컨트롤러 전원 **OFF / ON** 후 사용



▼빔 프로젝터 코드입력 방법

ex) EPSON

1. 상단 : ⑤⑥⑦⑧ **OFF (0000)**

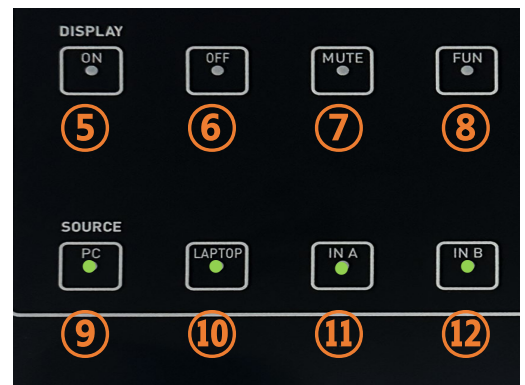
하단 : ⑨⑩⑪⑫ **ON (1111)**

(참조 : LED ON =1, OFF=0)

2. ③ - **SAVE**

전체 **LED** 켜짐 - 입력 완료

3. 컨트롤러 전원 **OFF / ON**



PDF 파일 예시

015 - Epson-[STANDARD]

0000 : Hidden Key 상단

1111 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

◆프로젝터 제조사별 코드값 (**Protocol_000000Vxx.PDF**) 파일 참조

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PROTOCOL

INS-K15 & INS-K24

부설연구소

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KeyPad INS-K15 & INS-K24 PROTOCOL 설정 문서입니다.

Hidden Key 로 접근하고 decimal 을 binary 로 변환하여 설정합니다.

* INS-K15 Hidden Key 접근 방법

E/V-UP 1 회 -> SCREEN-DOWN 1 회 -> E/V-DOWN 1 회 -> SCREEN-UP 3 회 클릭

* INS-K24 Hidden Key 접근 방법

MIC2-UP 1 회 -> MIC1-MUTE 1 회 -> MIC2-MUTE 1 회 -> MIC1-UP 3 회 클릭

///// 프락터 /////

000 - 3M-[STANDARD]

0000 : Hidden Key 상단

0000 : Hidden Key 하단

BaudRate = 19200

WordLength = 8

StopBit = 1

Parity = 0

Power On = BEEF030600BAD2010000600100

Power Off = BEEF0306002AD3010000600000

Mute On = BEEF030600D6D2010002200100

Mute Off = BEEF03060046D3010002200000

001 - ASK-[STANDARD]

0000 : Hidden Key 상단

0001 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = 5057523B310A0D

Power Off = 5057523B300A0D

Mute On = 424C4B3B310A0D

Mute Off = 424C4B3B300A0D

002 - BenQ-[PB-8140,PB-8240, PB-8250]

0000 : Hidden Key 상단

0010 : Hidden Key 하단

BaudRate = 19200

WordLength = 8

StopBit = 1

Power On =

BEEF03190083A9012303CCCCFFFFFFFF01000000CCCCCCCCCCCCCCCCCCCCCCCC

Power Off =

BEEF0319001368012303CCCCFFFFFFF00000000CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C

Mute On = BEEF0206000DC4D40000000000

Mute Off = BEEF0206000DC4D40000000000

003 - BenQ-[PB series,CP series]

0000 : Hidden Key 상단

0011 : Hidden Key 하단

BaudRate = 115200

WordLength = 8

StopBit = 1

Parity = 0

Power On = 06140003003411005C

Power Off = 06140003003411015D

Mute On = 061400030034120966

Mute Off = 061400030034120966

004 - BenQ-[W500,SP830,SP831]

0000 : Hidden Key 상단

0100 : Hidden Key 하단

BaudRate = 115200

WordLength = 8

StopBit = 1

Parity = 0

Power On = 06140003003411005C

Power Off = 5830303158

Mute On = 494D424B202020310D

Mute Off = 494D424B202020300D

005 - BenQ-[SP820]

0000 : Hidden Key 상단

0101 : Hidden Key 하단

BaudRate = 115200

WordLength = 8

StopBit = 1

Parity = 0

Power On = 0D7E504E0D

Power Off = 0D7E50460D

Mute On = 0D7E72420D

Mute Off = 0D7E72420D

006 - BenQ-[MP575,MP771,MP776,MP777,MP870,SP771,SP870]

0000 : Hidden Key 상단

0110 : Hidden Key 하단

BaudRate = 115200

WordLength = 8

StopBit = 1

Parity = 0

Power On = 0D2A706F773D6F6E230D

Power Off = 0D2A706F773D6F6666230D

Mute On = 0D2A626C616E6B3D6F6E230D

Mute Off = 0D2A626C616E6B3D6F6666230D

007 - Cannon-[SX50,SX6,SX60,X600,X700,SX7]

0000 : Hidden Key 상단

0111 : Hidden Key 하단

BaudRate = 19200

WordLength = 8

StopBit = 2

Parity = 0

Power On = 504F574552204F4E0D0A

Power Off = 504F574552204F46460D0A

Mute On = 424C414E4B3D4F4E0D0A

Mute Off = 424C414E4B3D4F46460D0A

008 - Cannon-[LDP-304,CDP-450K]

0000 : Hidden Key 상단

1000 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1
Parity = 0
Power On = 3030210D
Power Off = 3030220D
Mute On = 30304D555445310D
Mute Off = 30304D555445300D

009 - Casio-[STANDARD]

0000 : Hidden Key 상단
1001 : Hidden Key 하단
BaudRate = 19200
WordLength = 8
StopBit = 1
Parity = 0
Power On = 285057523129
Power Off = 285057523029
Mute On = 28424C4B3129
Mute Off = 28424C4B3029

010 - Christie-[HD8K]

0000 : Hidden Key 상단
1010 : Hidden Key 하단
BaudRate = 115200
WordLength = 8
StopBit = 1
Parity = 0
Power On = 5254452047202228505752312922
Power Off = 5254452047202228505752302922

011 - Christie-[DHD670-E]

0000 : Hidden Key 상단
1011 : Hidden Key 하단
BaudRate = 115200
WordLength = 8
StopBit = 1

Parity = 0
 Power On = 285057523129
 Power Off = 285057523029
 Mute On = 285348553129
 Mute Off = 285348553029

012 - Christie-[LX700]

0000 : Hidden Key 상단
 1100 : Hidden Key 하단
 BaudRate = 19200
 WordLength = 8
 StopBit = 1
 Parity = 0
 Power On = 4330300D
 Power Off = 4330310D
 Mute On = 4330440D
 Mute Off = 4330450D

013 - Dell-[2400MP]

0000 : Hidden Key 상단
 1101 : Hidden Key 하단
 BaudRate = 19200
 WordLength = 8
 StopBit = 1
 Parity = 0
 Power On = BEEF100500C6FF1111010001
 Power Off = BEEF1005000C3E1111010018
 Mute On = BEEF100500D9BF111101002A
 Mute Off = BEEF100500D9BF111101002B

014 - Eaki-[STANDARD]

0000 : Hidden Key 상단
 1110 : Hidden Key 하단
 BaudRate = 19200
 WordLength = 8

Parity = 1
StopBit = 0
Power On = 4330300D
Power Off = 4330310D
Mute On = 4330440D
Mute Off = 4330450D

015 - Epson-[STANDARD]

0000 : Hidden Key 상단
1111 : Hidden Key 하단
BaudRate = 9600
WordLength = 8
StopBit = 1
Parity = 0
Power On = 505752204F4E0D
Power Off = 505752204F4646200D
Mute On = 4D555445204F4E200D
Mute Off = 4D555445204F4646200D

016 - Fujitsu-[STANDARD]

0001 : Hidden Key 상단
0000 : Hidden Key 하단
BaudRate = 19200
WordLength = 8
StopBit = 1
Parity = 0
Power On = 2150524D30300D
Power Off = 2150524D30300D
Mute On = 2150524D33320D
Mute Off = 2150524D33320D

017 - Hitachi-[STANDARD]

0001 : Hidden Key 상단
0001 : Hidden Key 하단
BaudRate = 19200

WordLength = 8

StopBit = 1

Parity = 0

Power On = BEEF030600BAD2010000600100

Power Off = BEEF0306002AD3010000600000

Mute On = BEEF0306006BD9010020300100

Mute Off = BEEF030600FBD8010020300000

018 - HP-[STANDARD]

0001 : Hidden Key 상단

0010 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = 2A535441543D310D

Power Off = 2A535441543D330D

Mute On = 2A484944453D310D

Mute Off = 2A484944453D300D

019 - Infocus-[STANDARD]

0001 : Hidden Key 상단

0011 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = F6F0F1F1F4F6F2

Power Off = F6F0F1F1F4F6F2

Mute On = F6F1F1F3F4F6F2

Mute Off = F6F1F1F3F4F6F2

020 - Infocus-[IN38]

0001 : Hidden Key 상단

0100 : Hidden Key 하단

BaudRate = 19200
 WordLength = 8
 StopBit = 1
 Parity = 0
 Power On = 285057523129
 Power Off = 285057523029
 Mute On = 28424C4B3129
 Mute Off = 28424C4B3029

021 - LG-[DX540/DX630/GX312]

0001 : Hidden Key 상단

0101 : Hidden Key 하단

BaudRate = 9600
 WordLength = 8
 StopBit = 1
 Parity = 0
 Power On = 6B61203120310D
 Power Off = 6B61203120300D
 Mute On = 6B64203120300D
 Mute Off = 6B64203120310D

022 - LG-[STANDARD]

0001 : Hidden Key 상단

0110 : Hidden Key 하단

BaudRate = 9600
 WordLength = 8
 StopBit = 1
 Parity = 0
 Power On = 6B6120303020310D
 Power Off = 6B6120303020300D
 Mute On = 6B6420303020310D
 Mute Off = 6B6420303020300D

023 - Mitusbishi-[STANDARD]

0001 : Hidden Key 상단

0111 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = 3030210D

Power Off = 3030220D

Mute On = 30304D555445310D

Mute Off = 30304D555445300D

024 - Mobile-[BLE-35K]

0001 : Hidden Key 상단

1000 : Hidden Key 하단

BaudRate = 19200

WordLength = 8

StopBit = 1

Parity = 0

Power On = BEEF100500388B2500010008

Power Off = BEEF100500388B2500010008

Mute On = BEEF100500F84A2500010009

Mute Off = BEEF100500F84A2500010009

025 - NEC-[STANDARD]

0001 : Hidden Key 상단

1001 : Hidden Key 하단

BaudRate = 38400

WordLength = 8

StopBit = 1

Parity = 0

Power On = 020000000002

Power Off = 020100000003

Mute On = 021000000012

Mute Off = 021100000013

026 - NEC-[NP600 series, VT60/VT70/VT80/VT90 series, VT700]

0001 : Hidden Key 상단

1010 : Hidden Key 하단

BaudRate = 19200

WordLength = 8

StopBit = 1

Parity = 0

Power On = 020000000002

Power Off = 020100000003

Mute On = 021000000012

Mute Off = 021100000013

027 - NEC-[PA600X]

0001 : Hidden Key 상단

1011 : Hidden Key 하단

BaudRate = 38400

WordLength = 8

StopBit = 1

Parity = 0

Power On = 020000000002

Power Off = 020100000003

Mute On = 021000000012

Mute Off = 021100000013

028 - Optoma-[STANDARD]

0001 : Hidden Key 상단

1100 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = 7E3030303020310D

Power Off = 7E3030303020320D

Mute On = 7E3030303220310D

Mute Off = 7E3030303220320D

029 - Panasonic-[PT-VX, PT-EZ, PT-EW Series]

0001 : Hidden Key 상단

1101 : Hidden Key 하단

BaudRate = 19200

WordLength = 8

StopBit = 1

Parity = 0

Power On = 02504F4E03

Power Off = 02504F4603

Mute On = 024F53483A3103

Mute Off = 024F53483A3003

030 - Panasonic-[PT-F, PT-D, PT-DW, PT-DZ Series]

0001 : Hidden Key 상단

1110 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = 02504F4E03

Power Off = 02504F4603

Mute On = 024F53483A3103

Mute Off = 024F53483A3003

031 - Panasonic-[PTD Series]

0001 : Hidden Key 상단

1111 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = 0241445A5A3B504F4E03

Power Off = 0241445A5A3B504F4603

Mute On = 0241445A5A3B4F53483A3103

Mute Off = 0241445A5A3B4F53483A3003

032 - Panasonic-[PT-VX51]

0010 : Hidden Key 상단

0000 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = 02504F4E03

Power Off = 02504F4603

Mute On = 024F53483A3103

Mute Off = 024F53483A3003

033 - Plus-[STANDARD]

0010 : Hidden Key 상단

0001 : Hidden Key 하단

BaudRate = 115200

WordLength = 8

StopBit = 1

Parity = 0

Power On = 2350310D0A

Power Off = 2350300D0A

Mute On = 234D540D0A

Mute Off = 234D540D0A

034 - Premire-[STANDARD]

0010 : Hidden Key 상단

0010 : Hidden Key 하단

BaudRate = 19200

WordLength = 8

StopBit = 0

Parity = 0

Power On = BEEF100500C6FF111101000100

Power Off = BEEF030600DCDB690000000000
Mute On = BEEF0206005566070100000000
Mute Off = BEEF0206005566070000000000

035 - ProjectionDesign-[PW392]

0010 : Hidden Key 상단

0011 : Hidden Key 하단

BaudRate = 19200

WordLength = 8

StopBit = 1

Parity = 0

Power On = 3A504F5752310D

Power Off = 3A504F5752300D

Mute On = 3A504D5554310D

Mute Off = 3A504D5554300D

036 - Roly-[LW-500Z]

0010 : Hidden Key 상단

0100 : Hidden Key 하단

BaudRate = 19200

WordLength = 8

StopBit = 1

Parity = 0

Power On = 4330300D

Power Off = 4330310D

Mute On = 00

Mute Off = 00

037 - Samsung-[STANDARD]

0010 : Hidden Key 상단

0101 : Hidden Key 하단

BaudRate = 38400

WordLength = 8

StopBit = 1

Parity = 0

Power On = 4330300D

Power Off = 4330310D

Mute On = 4330440D

Mute Off = 4330450D

038 - Samsung-[SP-L300]

0010 : Hidden Key 상단

0110 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = 082200000001D5

Power Off = 082200000003D3

Mute On = 082203000000D3

Mute Off = 082203000001D2

039 - Sanyo-[STANDARD]

0010 : Hidden Key 상단

0111 : Hidden Key 하단

BaudRate = 19200

WordLength = 8

StopBit = 1

Parity = 0

Power On = 4330300D

Power Off = 4330310D

Mute On = 4330440D

Mute Off = 4330450D

040 - Sanyo-[FX-71]

0010 : Hidden Key 상단

1000 : Hidden Key 하단

BaudRate = 19200

WordLength = 8

StopBit = 1

Parity = 0

Power On = 4330300D

Power Off = 4330310D

Mute On = 4330440D

Mute Off = 4330450D

041 - Sharp-[XG-510K,XG-C60,XG-C68]

0010 : Hidden Key 상단

1001 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = 504F5752202020310D

Power Off = 504F5752202020300D

Mute On = 494D424B202020310D

Mute Off = 494D424B202020300D

042 - Sharp-[XG-C430,XG-C465,PG-D4010X]

0010 : Hidden Key 상단

1010 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = 504F5752202020310D

Power Off = 504F5752202020300D

Mute On = 494D424B202020310D

Mute Off = 494D424B202020300D

043 - Shindoh-[STANDARD]

0010 : Hidden Key 상단

1011 : Hidden Key 하단

BaudRate = 19200

WordLength = 8

StopBit = 1
Parity = 0
Power On = BEEF030600BAD2010000600100
Power Off = BEEF0306002AD3010000600000
Mute On = BEEF0306006BD9010020300100
Mute Off = BEEF030600FBD8010020300000

044 - Shindoh-[SDP4590]

0010 : Hidden Key 상단

1100 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = 7E504E0D

Power Off = 7E50460D

Mute On = 7E72520D

Mute Off = 7E72420D

045 - Smart-[UF55w,60wi]

0010 : Hidden Key 상단

1101 : Hidden Key 하단

BaudRate = 19200

WordLength = 8

StopBit = 1

Parity = 0

Power On = 6F6E0D

Power Off = 6F66660D

Mute On = 73657420766964656F6D7574653D6F6E0D

Mute On = 73657420766964656F6D7574653D6F66660D

046 - Sony-[STANDARD]

0010 : Hidden Key 상단

1110 : Hidden Key 하단

BaudRate = 38400

WordLength = 8

StopBit = 1

Parity = 0

Power On = A50100010001030001000117009008000640542E000000B15A

Power Off = A50100010001030001000117009008000640542F000000B05A

Mute On = A501000100010300010001170090080006405424000000BB5A

Mute Off = A501000100010300010001170090080006405424000000BB5A

047 - Sony-[FX40,FX41,FX42]

0010 : Hidden Key 상단

1111 : Hidden Key 하단

BaudRate = 38400

WordLength = 8

StopBit = 1

Parity = 2

Power On = A9172E0000003F9A

Power Off = A9172F0000003F9A

Mute On = A90030000001319A

Mute Off = A90030000000309A

048 - Sony[FX52]

0011 : Hidden Key 상단

0000 : Hidden Key 하단

BaudRate = 38400

WordLength = 8

StopBit = 1

Parity = 2

Power On = A9172E0000003F9A

Power Off = A9172F0000003F9A

Mute On = A90030000001319A

Mute Off = A90030000000309A

049 - Sony-[FX30,FX35]

0011 : Hidden Key 상단

0001 : Hidden Key 하단

BaudRate = 38400
 WordLength = 8
 StopBit = 1
 Parity = 2
 Power On = A9172E0000003F9A
 Power Off = A9172F0000003F9A
 Mute On = A900300000001319A
 Mute Off = A90030000000309A

050 - Toshiba-[STANDARD]

0011 : Hidden Key 상단

0010 : Hidden Key 하단

BaudRate = 9600
 WordLength = 8
 StopBit = 1
 Parity = 0
 Power On = 02504F4E03
 Power Off = 02504F4603
 Mute On = 024D4F4E03
 Mute Off = 024D4F4603

051 - Toshiba-[TDP Series]

0011 : Hidden Key 상단

0011 : Hidden Key 하단

BaudRate = 9600
 WordLength = 8
 StopBit = 1
 Parity = 0
 Power On = 02504F4E03
 Power Off = 02504F4603
 Mute On = 024D4F4E03
 Mute Off = 024D4F4603

052 - Viewsonic-[STANDARD1]

0011 : Hidden Key 상단

0100 : Hidden Key 하단

BaudRate = 19200

WordLength = 8

StopBit = 1

Parity = 0

Power On = BEEF100500C6FF111101000100

Power Off = BEEF030600DCDB690000000000

Mute On = BEEF020600DFDF660000000000

Mute Off = BEEF020600DFDF660000000000

053 - Viewsonic-[STANDARD2]

0011 : Hidden Key 상단

0101 : Hidden Key 하단

BaudRate = 115200

WordLength = 8

StopBit = 1

Parity = 0

Power On = 0614000400341100005D

Power Off = 0614000400341101005E

Mute On = 06140004003412090168

Mute Off = 06140004003412090067

054 - Vivitek-[D-Series]

0011 : Hidden Key 상단

0110 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = 7E504E0D

Power Off = 7E50460D

Mute On = 7E72420D

Mute Off = 7E72420D

055 - Vivitek-[KU4500L / KH3450Z / DH3665ZN / KW5000Z]

0011 : Hidden Key 상단

0111 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = 6F7020706F7765722E6F6E0D

Power Off = 6F7020706F7765722E6F66660D

Mute On = 6F7020626C616E6B203D20310D

Mute Off = 6F7020626C616E6B203D20300D

056 - Vivitek-[DX97G]

0011 : Hidden Key 상단

1000 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = 56999953303030310D

Power Off = 56999953303030320D

Mute On = 5699995330333032310D

Mute Off = 5699995330333032300D

057 - Hyosung-[STANDARD]

0011 : Hidden Key 상단

1001 : Hidden Key 하단

BaudRate = 115200

WordLength = 8

StopBit = 1

Parity = 0

Power On = 41542B53797374656D3D4F6E41542B53797374656D3D4F6E0D

Power Off = 41542B53797374656D3D4F66660D

Mute On = 41542B4C69676874536F757263653D4F66660D

Mute Off = 41542B4C69676874536F757263653D4F6E0D

///// 전자칠판 /////

058 - CVT-[STANDARD1]

0011 : Hidden Key 상단

1010 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = 3A303153303030330D

Power Off = 3A303153303030320D

Mute On =

Mute Off =

059 - CVT-[STANDARD2]

0011 : Hidden Key 상단

1011 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = AABBBCC01000001DDDEEFF

Power Off = AABBBCC01010002DDDEEFF

Mute On =

Mute Off =

060 - D&T-[EXISTING]

0011 : Hidden Key 상단

1100 : Hidden Key 하단

BaudRate = 115200

WordLength = 8

StopBit = 1

Parity = 0

Power On = FE0899A1B2C302FF0100CF

Power Off = FE0899A1B2C302FF0101CF

Mute On = FE0899A1B2C302FF0102CF

Mute Off = FE0899A1B2C302FF0102CF

061 - D&T-[STANDARD]

0011 : Hidden Key 상단

1101 : Hidden Key 하단

BaudRate = 38400

WordLength = 8

StopBit = 1

Parity = 0

Power On = 52500801000000E7

Power Off = 52500801000001E7

Mute On = 52500801000002E7

Mute Off = 52500801000002E7

062 - D&T-[PREMIUM]

0011 : Hidden Key 상단

1110 : Hidden Key 하단

BaudRate = 115200

WordLength = 8

StopBit = 1

Parity = 0

Power On = FE08584248434D4401F0CF

Power Off = FE08584248434D4401F1CF

Mute On = FE08584248434D4401F2CF

Mute Off = FE08584248434D4401F3CF

063 - HYUNDAIIT-[STANDARD]

0011 : Hidden Key 상단

1111 : Hidden Key 하단

BaudRate = 38400

WordLength = 8

StopBit = 1

Parity = 0

Power On = 6B303173413030310D

Power Off = 6B303173413030300D

Mute On =

Mute Off =

064 - JT_Works-[7PAN-11 Series]

0100 : Hidden Key 상단

0000 : Hidden Key 하단

BaudRate = 9600

WordLength = 8

StopBit = 1

Parity = 0

Power On = AABBBCC01000001DDEEFF

Power Off = AABBBCC01010002DDEEFF

Mute On =

Mute Off =

065 - JT_Works-[7PAN-55W Series]

0100 : Hidden Key 상단

0001 : Hidden Key 하단

BaudRate = 115200

WordLength = 8

StopBit = 1

Parity = 0

Power On = 7F0899A2B3C402FF0100CF

Power Off = 7F0899A2B3C402FF0101CF

Mute On = 7F0899A2B3C402FF0102CF

Mute Off = 7F0899A2B3C402FF0102CF

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