

KISS BOX – DO4-SR (Digital Output 4 channel – Standard Relay) – R6.5.--

- | | |
|--|---|
| 1. User Specific Commands MPC > I/O Card | 2 |
| 2. User Specific Commands I/O Card > MPC | 2 |
| 3. Editor | 3 |

1. Editor Specific commands MPC > I/O Card

Command		Answer	
\$30	Upload setting		No
\$31	Info Request	\$32	Info return
\$33	Monitoring request	\$34	Monitoring return

UPLOAD SETTING

\$30
 SL: Slot # (\$00 to \$02 for BOX I/O3 and \$00 to \$07 for BOX I/O8)
 WG: \$00= Watchdog OFF, \$01= Watchdog ON
 TI: \$00= 1mS, \$01= 10mS, \$02= 100mS, \$03= 1S, \$04= 10S
 EM: \$00= No Message Error to sent, \$01= sent Message Error

Error Message to sent (for more details see the Generic specifications):

\$17	IP Address
IP1 IP2 IP3 IP4	IP Address
SL:	Slot # (\$00 to \$02 for BOX I/O3 and \$00 to \$07 for BOX I/O8)
PL:	Priority Level \$01= medium
ME:	\$06= Out of Range
T1 T2:	\$00, \$01
H0 ... H127:	"Watchdog Out of Range"

No command should be issued to the card during 10mS. After sending this command, to allow the I/O Board to program its EEPROM

INFO REQUEST

\$31
 SL: Slot # (\$00 to \$02 for BOX I/O3 and \$00 to \$07 for BOX I/O8)

MONITORING REQUEST

\$33
 SL: Slot # (\$00 to \$02 for BOX I/O3 and \$00 to \$07 for BOX I/O8)

Maximum request: 10 times / second

2. Editor Specific commands I/O Card > MPC

Command		Answer	
\$32	Info return		No
\$34	Monitor return		No

INFO RETURN

\$32
 SL: Slot # (\$00 to \$02 for BOX I/O3 and \$00 to \$07 for BOX I/O8)
 WG: \$00= Watchdog OFF, \$01= Watchdog ON
 TI: \$00= 10mS, \$01= 20mS, \$02= 100mS, \$03= 200mS, \$04= 1S, \$05= 2S, \$06= 10S,
 \$06= 20S
 ME: \$00= No message, \$01= sent message

MONITORING RETURN

\$34

SL: Slot # (\$00 to \$02 for BOX I/O3 and \$00 to \$07 for BOX I/O8)
V1 ... V4 Relay 1 to Relay 4 (\$00= Low, \$01= High)

Send by the box upon reception of Monitoring request command

3. User Specific commands MPC > I/O Card

Command		Answer	
\$A0	Read all channel Value	\$A1	All channel Value return
\$A2	Read single channel Value	\$A3	Single channel Value return
\$A4	Write all channel Value		No
\$A5	Write single channel Value		No
\$A6	Read all channel Value (UDP Broadcast)	\$A7	All channel Value return (UDP Broadcast)
\$A8	Write all channel Value (UDP Broadcast)		No

READ ALL CHANNEL VALUE

\$A0

SL: Slot # (\$00 to \$02 for BOX I/O3 and \$00 to \$07 for BOX I/O8)

READ SINGLE CHANNEL VALUE

\$A2

SL: Slot # (\$00 to \$02 for BOX I/O3 and \$00 to \$07 for BOX I/O8)
CH Relay # (\$00 to \$03)

WRITE ALL CHANNEL VALUE

\$A4

SL: Slot # (\$00 to \$02 for BOX I/O3 and \$00 to \$07 for BOX I/O8)
V1 ... V4 Relay 1 to Relay 4 value (\$00= Low, \$01= High)

WRITE SINGLE CHANNEL VALUE

\$A5

SL: Slot # (\$00 to \$02 for BOX I/O3 and \$00 to \$07 for BOX I/O8)
CH Relay # (\$00 to \$03)
VA Value (\$00= Low, \$01= High)

READ ALL CHANNEL VALUE (UDP Broadcast)

\$A6

SL: Slot # (\$00 to \$02 for BOX I/O3 and \$00 to \$07 for BOX I/O8)

WRITE ALL CHANNEL VALUE (UDP Broadcast)

\$A8

SL: Slot # (\$00 to \$02 for BOX I/O3 and \$00 to \$07 for BOX I/O8)
V1 ... V4 Relay 1 to Relay 4 value (\$00= Low, \$01= High)

2. User Specific commands I/O Card > MPC

Command		Answer	
\$A1	All channel Value return		
\$A3	Single channel Value return		
\$A7	All channel Value return (UDP Broadcast)		

ALL CHANNEL VALUE RETURN

\$A1

SL: Slot # (\$00 to \$02 for BOX I/O3 and \$00 to \$07 for BOX I/O8)
V1 ... V4 Relay 1 to Relay 4 value (\$00= Low, \$01= High)

SINGLE CHANNEL VALUE RETURN

\$A3

SL: Slot # (\$00 to \$02 for BOX I/O3 and \$00 to \$07 for BOX I/O8)

CH Relay # (\$00 to \$03)

VA Value (\$00= Low, \$01= High)

ALL CHANNEL VALUE RETURN (UDP Broadcast)

\$A7

SL: Slot # (\$00 to \$02 for BOX I/O3 and \$00 to \$07 for BOX I/O8)

V1 ... V4 Relay 1 to Relay 4 value (\$00= Low, \$01= High)

3. Editor Program

Default Value to displayed:

Watchdog: Yes

Time: 1 Sec.

Sent Error Message: Yes

