Menustructur 1/2   receive DMX

*1   *2

| Power Off > | Err:0120 <Reset > | Quality <Check > | View < RX > | Value < RX > | Calc < Bin > | Send < DMX > |

| View ▪▁▁.▪.:▪ − 033..+ | Value @$96=150 − 007 + | Calc $4d▫▪:▫▪▫ − 077 + | Send Chan:011 −select+ |

| Val.:127 − back + |

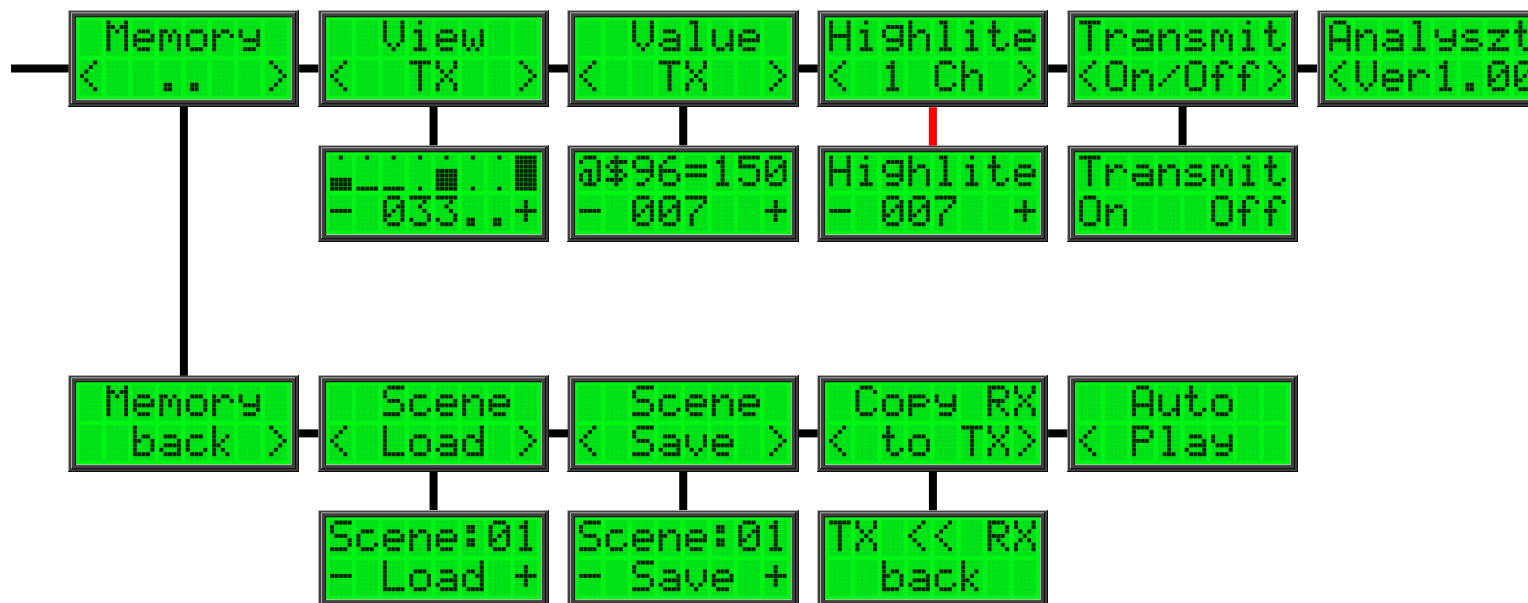| 89 <Break > | 26 < MaB > | 8 < TbB > | 0 <IntSlT> | 44 <Fra./s> | 6500 < BtB > | 513 <Slots > |

*1 Entering [Value < RX >] from [Calc < Bin >] will switch RS-485 Transmitter from TX to RX

*2 Entering [Chan:011 select] will switch RS-485 transmitter from RX to TX. Disconnect sending DMX gear before.

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Menustructur 2/2   transmit DMX

*3

Memory < .. >	View < TX >	Value < TX >	Highlite < 1 Ch >	Transmit <On/Off>	Analyszt <Ver1.00

	■—_.■.:■ − 033..+	@$96=150 − 007 +	Highlite − 007 +	Transmit On Off	

Memory back >	Scene < Load >	Scene < Save >	Copy RX < to TX>	Auto < Play

	Scene:01 − Load +	Scene:01 − Save +	TX << RX back	

*3

Entering `Highlite − 007 +` will switch RS-485 transmitter from RX to TX. Disconnect sending DMX gear before.

Menu

```
Power
Off    >
```
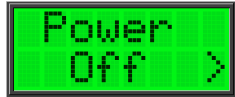
Enter to power off . To switch the gear on press about 1 second until display-light goes on.

```
Err:0120
<Reset >
```

Shows the errors of the DMX input signal. These errors are:

0	first slot is not 0
1	missing 1st stopbit
2	missing 2nd stopbit
O	overflow, more that 513 slots

(After switching from TX to RX you will get errors. That´s normal because of not complete frames.)

```
Quality
<Check >
```

Enter to check the timing of the reveiving DMX-signal.

|	
Break	Break-Time
MaB	Mark after Break
TbB	Time before Break (inclusive stopbit)
IntSlT	Inter Slot Time (Time between two slots)
Fra./s	Frames per second
BtB	Break to Break (Time between two Breaks)
Slots	Slot per Frame (inclusive startslot)

Pressing the (Enter/Back) key in the submenus will return directly to

```
Quality
<Check >
```

Menu

View
< RX >

Enter to view the received DMX values as bars.
Shows 8 channels at once.
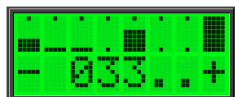
Press ⎣-⎦ the decrease the offset by 8. Press ⎣+⎦ to increase the offset by 8.
The offset is the address of the first bar left.
The two dots show the min and max positions.

Value 0

Value 1-32

Value 33-64

Value 65-96

Value 97-128

Value 129-160

Value 161-192

Value 193-224

Value 225-255

Value
< RX >

Enter to get the exact value of a single received DMX slot.
Slot 0 is the start-byte.

@$96=150
— 007 +

Press ⎣-⎦ the decrease the offset by 1. Press ⎣+⎦ to increase the offset by 1.
The 1st line shows the value of the slot (2nd line) in hex ($00-$ff) and decimal (000-255)
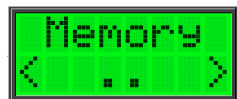
Menu

Calc
< Bin >

Enter to calculate addresses from demical to switches.
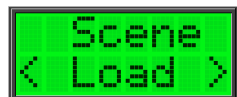
$4d▨▨▨▨▨
─ 077 +
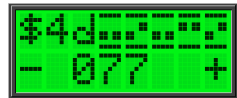
Press | - | the decrease the value by 1. Press | + | to increase the value by 1.
The 1st line shows the value (000-512) of the 2nd line in hex ($00-$ff only lowbyte)
the position for dip-switches.
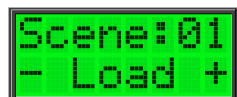
Memory
< .. >

Enter to reach the memory menu.

Memory
back >

Enter to reach the main menu.

Scene
< Load >

Enter to reach the "Load Scene" menu.

Scene:01
─ Load +

Press | - | the decrease the scene by 1. Press | + | to increase the scene by 1.
Press "load" to copy the scene in TX-buffer. (To send DMX you have to activate sending *2 *3).
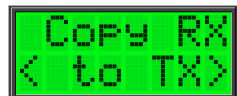When you select scene 0 you will reach the memory menu..

Menu

| Scene |
| < Save > |

Enter to reach the "Save Scene" menu.

| Scene:01 |
| - Save + |

Press ⌞-⌝ the decrease the scene by 1. Press ⌞+⌝ to increase the scene by 1.
Press ⌞save⌝ to copy the TX-buffer in the scene.
When you select scene 0 you will reach the memory menu..

| Copy RX |
| < to TX> |

Enter to reach the "Copy TX to TX" menu.

| TX << RX |
| back |

The DMX frames are copied to the TX-Buffer.
If TX sending is aktive you can refresh signals from RX.
Press ⌞back⌝ to reach the memory menu.

| Auto |
| < Play |

...

Menu

```
 Send
< DMX  >
```
Enter to change the values in TX-buffer.
This will activate the direction of the line-driver to TX.

```
Chan:011
-select+
```
Press ⎡-⎤ the decrease the address by 1. Press ⎡+⎤ to increase the address by 1.
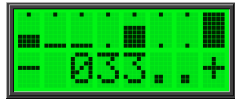Press select to change the value of this address.

```
Val.:127
- back +
```
Press ⎡-⎤ the decrease the value by 1. Press ⎡+⎤ to increase the value by 1.
Press ⎡back⎤ to go to the top menu.

Menu

```
  View
<    TX    >
```
Enter to view the valaues of the TX-buffer as bars.
Shows 8 channels at once.

```
- 033..+
```
(same as view rx above)

```
  Value
<    TX    >
```
Enter to get the exact value of a single received DMX slot.

```
@$96=150
- 007    +
```
(same as value rx above)

```
Highlite
<  1 Ch  >
```
Enter to highlight the DMX output step by step

```
Highlite
- 007    +
```
Press - the decrease the address by 1. Press + to increase the address by 1.
The old value is stored in memory until the channel is changed.
The highlite value is 100% ($ff, 255)

Menu

`Transmit`
`<On/Off>`

Enter to enable and disable sending of DMX data.
The direction of the line-driver remaines in TX.

`Transmit`
`On    Off`

Press On to enable sending.
Press Off to disable sending.

`Analyszt`
`<Ver1.00`

Displays the version of the software.

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