

MAYAH Communications

Application Note 16

Event Action Programming with TTL

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1 General

The Event Action Programming is described in detail in chapter 4.18 of the Communication Reference Manual. This Application Note includes a short example for using the Event Action Programming with TTL inputs.

2 Example

2.1 Creating action files

Creating action files

The command `action_create` generates an action file. The action file name is handed over as first parameter. The following parameter are the remote commands that are listed in the file (separated by ";"). The file name consists of at least 8 letters or numbers. As an alternative it is possible to transmit a ASCII-file (called *.CAF) by FTP with the commands included to the directory "actions".

```
action_create Dial phone_execonomy <nr>
```

```
action_create Hangup com_disconnect 0
```

Two actions ("Dial" and "Hangup") are created with these commands. "Dial" includes the connection to a phonebook entry with a specific number. "Hangup" leads to a disconnect.

2.2 Assigning actions to events

This command sets one of up to 5 combinations of conditions and action files for each event. If an event occurs, then all 5 conditions are evaluated. If a condition is true, the associated action file will be executed. The standard condition is false to avoid executing an action file. This setting will not be saved! A special remote command saves all settings.

Note: An open TTL-input Port has a high level (signal_on).

2.2.1 One TTL-Port

```
event_set centronic_a_off 1 Dial true
event_set centronic_a_on 1 Hangup true
```

This example needs just one TTL-Input. If it is closed (off), the action “Dial” will be executed. If it is open (on) again, the action “Hangup” will be executed.

2.2.2 Two TTL-Ports

```
event_set centronic_a_off 1 Dial true
event_set centronic_b_off 1 Hangup true
```

This example needs two TTL-Inputs. If centronic_a is closed (off), the action “Dial” will be executed. If centronic_b is closed (off), the action “Hangup” will be executed.

2.2.3 Two TTL-Ports with conditions

```
event_set centronic_a_off 1 Dial centronic_b
event_set centronic_b_off 1 Hangup centronic_a
```

This example needs two TTL-Inputs and describes additional conditions. If centronic_a is closed (off) while centronic_b is open, the action “Dial” will be executed. If centronic_b is closed (off) while centronic_a is open, the action “Hangup” will be executed.

2.3 Centauri Centronic Port / TTL I/O

Pin No.	Pin description
2	Alarm
3	Framed
4	Connected
5	Output A
6	Output B
7	Output C
8	Output D
9	Output E
10	Input D
11	Input E
12	Input C
13	Input B
15	Input A
18-25	Ground