Communication module

Xcom-SMS blinking codes

<table>
<thead>
<tr>
<th>LED Indicators</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green/Red</td>
<td>Xcom-SMS in operation</td>
</tr>
<tr>
<td>Green</td>
<td>Start-up of the Xcom-SMS</td>
</tr>
<tr>
<td>Orange</td>
<td>Micro SD card inserted</td>
</tr>
<tr>
<td>Orange</td>
<td>Update of the Xcom-SMS</td>
</tr>
<tr>
<td>Orange</td>
<td>Occasional errors; typically an SMS not transmitted</td>
</tr>
<tr>
<td>Orange</td>
<td>Micro SD card is full</td>
</tr>
<tr>
<td>Red</td>
<td>Fatal error:</td>
</tr>
<tr>
<td></td>
<td>• The Micro SD card is not configured</td>
</tr>
<tr>
<td></td>
<td>• The Micro SIM card is not inserted</td>
</tr>
<tr>
<td></td>
<td>• The PIN code of the Micro SIM card is wrong</td>
</tr>
<tr>
<td></td>
<td>• The Micro SIM card is locked. Use a mobile phone and the PUK code to unlock the Micro SIM card</td>
</tr>
<tr>
<td></td>
<td>• Impossible to connect to the telephone network</td>
</tr>
<tr>
<td>Red</td>
<td>Error detected during the update process or during data logging.</td>
</tr>
</tbody>
</table>

Quick guide

1. Install the Xcom-SMS set to the team.
2. Insert the Micro SD card into the computer.
3. Insert the Micro SD card into the Xcom-SMS.
4. Set the Micro SIM card.
5. When the installation is successful, the LED will automatically blinking green (2x continuously) and a message of the successful installation is sent to the mobile phone used for the system.
6. Install the Xcom-SMS.
7. Start-up of the Xcom-SMS.
8. Connect the Xcom-SMS to a Studer system.
9. Connect the communication cable to the Studer system.
10. Communication module set to the system.

Communication module

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The complete user manual is available on the Micro SD card.
**SMS COMMANDS**

**Changing the access code**

```cmd
newkey <key>
```

- `<key>` Mandatory
- User's access code containing 6 characters (case sensitive)
- Accepted characters: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, a, A-Z

**Changing the language**

```cmd
lang <l>
```

- `<l>` Mandatory
- Available languages:
  - fr: French
  - de: German
  - es: Spanish
  - en: English

**Activation / Deactivation of SMS confirmations**

```cmd
smmp <state>
```

- `<state>` Mandatory
- Active or deactivated, according to the following states:
  - on: activated
  - off: deactivated

**Remove the Xcom-SMS subscriptions**

```cmd
 resets
```

**OPERATING REPORT BY SMS**

**Subscribe/Unsubscribe to reports**

```cmd
report (<n>) <state> <tel>
```

- `<n>` Optional
- `<state>` Mandatory
- `<tel>` Mandatory
- `<n>`: Report identifier, based on this format: r1: report 1 ("short")
  r2: report 2 ("complete")
- `<state>`: Active or deactivated state based on this format:
  - on: activated
  - off: deactivated
- `<tel>`: A phone number with country code (max 15 digits)
  - off: unsubscribe

**Configuration of the operating report**

```cmd
report (<n>) -<day> (<time>) <state>
```

- `<n>` Optional
- `<day>` Mandatory
- `<time>` Mandatory
- `<state>` Mandatory
- `<day>`: Weekdays on which this report is sent:
  - Mon: Monday
  - Tue: Tuesday
  - Wed: Wednesday
  - Thu: Thursday
  - Fri: Friday
  - Sat: Saturday
  - Sun: Sunday
- `<time>`: A specific hour during the day based on this format: hh:mm
- `<state>`: State of the relay, 4 possible values:
  - on: activated
  - off: deactivated
  - all: all the above listed devices

**Receive the list of subscribers to the report**

```cmd
list
```

**Send events by number**

```cmd
event <num>=<state>(,<num>=<state>)
```

- `<num>` Mandatory
- `<state>` Mandatory
- `<num>`: Event numbers affected by `<state>`
- `<state>`: State of the event, 4 possible values:
  - on: event activated
  - off: event deactivated

**Send events by category**

```cmd
event <category>=<state>(,<category>=<state>)
```

- `<category>` Mandatory
- `<state>` Mandatory
- `<category>`: Event categories:
  - ntf: notification
  - wrn: warning
  - err: error
  - hlt: halted
- `<state>`: At least 1, indicates the state of the following events:
  - 2 possible values:
    - on: activated
g - deactivated

**ACCESS TO THE SYSTEM'S USER INFORMATION BY SMS**

**Writing parameters**

```cmd
param <num>=<value>(,<num>=<value>)
```

- `<num>` Mandatory
- `<value>` Mandatory
- `<num>`: Parameter number (see the RCC-02/-03 Quick guide in .pdf available on the Micro SD card)
- `<value>`: Assigning a value to a parameter, respecting its specific format

**Reading parameters**

```cmd
param ? <num>(, <num>)
```

- `<num>` Mandatory
- `<num>`: Parameter number (see the RCC-02/-03 Quick guide in .pdf available on the Micro SD card)

**ACCESS TO THE SYSTEM'S PARAMETERS BY SMS**

**Sending events by category**

```cmd
event <category>=<state>(,<category>=<state>)
```

- `<category>` Mandatory
- `<state>` Mandatory
- `<category>`: Event categories:
  - ntf: notification
  - wrn: warning
  - err: error
  - hlt: halted
- `<state>`: At least 1, indicates whether to receive events of this category or not
  - 2 possible values:
    - on: activated
g - deactivated

**Sending events by number**

```cmd
event <num>=<state>(,<num>=<state>)
```

- `<num>` Mandatory
- `<state>` Mandatory
- `<num>`: Event numbers affected by `<state>`
- `<state>`: At least 1, number of events affected by `<state>`
  - 2 possible values:
    - on: event activated
g - deactivated

**Receive the state of transmission of events**

```cmd
sys
```

**Change the access code**

```cmd
newkey <key>
```

- `<key>` Mandatory
- User's access code containing 6 characters (case sensitive)
- Accepted characters: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, a, A-Z

**Change the language**

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lang <l>
```

- `<l>` Mandatory
- Available languages:
  - fr: French
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  - en: English

**Subscription/Unsubscription to events**

```cmd
subscribe <state>
```

- `<state>` Mandatory
- Active or deactivated state based on this format:
  - on: activated
  - off: deactivated

**Send events by number**

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event <num>=<state>(,<num>=<state>)
```

- `<num>` Mandatory
- `<state>` Mandatory
- `<num>`: Event numbers affected by `<state>`
- `<state>`: State of the event, 4 possible values:
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**Remove the Xcom-SMS subscriptions**

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reset
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- `<state>`: State of the relay, 4 possible values:
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**ACCESS TO THE SYSTEM'S USER INFORMATION BY SMS**

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- `<num>`: Parameter number (see the RCC-02/-03 Quick guide in .pdf available on the Micro SD card)
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