

**WGAP865SMS
Installation and
Programming**

Configure Alarm Panel

- Firmware 2.34 or later
- J1 Jumper "In"
- Location 196 – 6digit code
- Location 61 – client code

F/W 2.34 or Later

N

Y

Upgrade F/W to
2.34 or later

Connect SMS to Alarm

- Insert SIM Card
- Connect module serial cable to Serial Header - Red to Top
- Connect module power to panel TX +- NOT Aux.

SMS GSM / Panel Communications Check

- Green LED - Flash 1 per sec, obtaining GSM connection
- Flash 1 per 3 sec connected GSM mobile network
- Heart Beat - Flashing after boot up.
- Network Status – Flashes when connected to GSM mobile network
- Network Comms – Flashing when communication with GSM Mobile Network
- Panel Comms – Led on when communication with alarm panel

Commands

- **Code** = Valid Alarm User Code, **Command** = Word to identify Function, **Extended Command** = Supplementary Function information, **Data** = Extra information for Extended Command.
- **Note:** First Mobile to connect is the **Primary Master** (normally installer). Use to do initial setup and testing, after which the Primary Master can be change to customer mobile number.
- **Note:** Primary Master will use Panel Master Code Slot 1, Watchguard Default is 1835
- **Add Master** - [1835 Add Master #####] (your mobile number) – the system will reply with (IDS SMS ##### Added as master number). Your mobile number is now added and ready to configure desired functions e.g. Add more users be it type, Masters, Arm or Report users. Zone Naming etc. See Installer manual for detailed explanation user types and other functions. e.g. [7925 Add Arming #####]
- **Test Panel Arming** – [7925 Arm All] – [7925 Disarm All] User 7925 must have alarm rights to Arm and/ or Disarm.
- Test Strobe – [1835 PGM On 2] - [1835 PGM Off 2]

Complete Installation – and hand over to Client

- Complete alarm installation and commissioning – walk test and setting per customer requirements – Stay profiles etc.
- Customer Hand over – Give customer walk through on system configuration and how to use.
- Inform customer of factory configured User code and Master Code – see yellow instruction sheet.
- Advise customer to change Master Code and User Codes if desired.
- Add Customer SMS Number as Slot 1 Primary Master - [1835 Add Master #####]
- Delete your (installer) SMS Number from Primary Master [1835 Delete #####] You will no longer receive messages and your number will not be able to access alarm. Note: Any attempts to operate the alarm with SMS from your phone will be notified to new Master number.
- Hand over all User Manuals and demonstrate system function to client.

Setup Complete

Tips

- Find panel F/W H/W version – [*] {hold till KP beep} [*] {F/W} [*] {H/W} [*]
- J1 is Jumper closest to panel tamper connector
- Loc 196 – any 6 digits 123456
- Loc 61 – 4 digit client code - if not back to base monitored alarm then any 4 digit number 1234
- To upgrade firmware panel needs HW 2.0 or later. PC software and programming cable required.
- Use TX power output – Aux power does not have the power to drive SMS module.
- Defaulting WGAP864SMS – Press and hold default switch, apply power and wait 15 seconds till the Heartbeat LED illuminates steady.

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WGAP864SMS Programming		
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