Modular Multibutton (FOTA) - Complete List of Parameters

The table below show the complete list of features. Programming messages below must begin with 9999# (assuming 9999 is still the programming passcode…)	Latest firmware release: V1.0.7

SMS String	Description	Default	Firmware Version
Add/Edit/Delete Resident - Glossary Of Terms			
Buttonnumber = 1-25 Name = Resident Name (1-14 characters). Phone Number = max 14 digits (3 maximum). *Ext = Extension number to be selected (if applicable). Doorcode = 6 digit Keypad code. CardID = 10 digit Prox ID number (3 maximum).			
Add/Edit Resident			
9999#10#Buttonnumber#Name#Phonenumber1*Ext,Phonenumber2*Ext,Phonenumber3*Ext#Doorcode#CardID,CardID,CardID#	Add New Resident.	N/A	Original (V1.0.3)
9999#11#Buttonnumber#Name#	Change Resident Name.	N/A	Original
9999#12#Buttonnumber#Phonenumber*Ext#	Edit or add first Phone Number (and extension number, if applicable).	N/A	Original
9999#13#Buttonnumber#Phonenumber*Ext#	Edit or add second Phone Number (and extension number, if applicable).	N/A	Original
9999#14#Buttonnumber#Phonenumber*Ext#	Edit or add third Phone Number (and extension number, if applicable).	N/A	Original
Resident Keypad Code			
9999#15#Buttonnumber#Doorcode#	Edit or add Resident Keypad Code.	N/A	Original
Resident Prox Cards			
9999#16#Buttonnumber#CardID#	Edit or add first Resident Prox Card.	N/A	Original
9999#17#Buttonnumber#CardID#	Edit or add second Resident Prox Card.	N/A	Original
9999#18#Buttonnumber#CardID#	Edit or add third Resident Prox Card.	N/A	Original
Delete Resident			
9999#25#Buttonnumber#	Delete a Family & all details	N/A	Original

SMS String	Description	Default	Firmware Version
Resident Dial Out & Talk Time			
9999#21#X#	Calling time for first number, adjust this to avoid voicemail picking up a call. X = 10-99 secs	20 secs	Original
9999#22#X#	Calling time for second number, adjust this to avoid voicemail picking up a call. X = 10-99 secs	20 secs	Original
9999#23#X#	Calling time for third number, adjust this to avoid voicemail picking up a call. X = 10-99 secs	20 secs	Original
9999#34#X#	Change DTMF process to eliminate potential false triggering whilst on a call. Press 1#, 2# etc to trigger, latch etc X = 1 enable; X = 0 disable	1	Original
9999#89X#	Change Relay 1 DTMF trigger command to another digit. X = 0-9 (Digits *, #, 7, 8, 9 or 0 recommended so as to not interfere with the operation of the	1	V1.0.7
9999#42#X#	Set a time in seconds to abort the call if it is answered too quickly. e.g. If the phone goes straight to voicemail or is in airplane mode etc X = 0-9 secs (1 second recommended)	0	Original
9999#24#Time##	Set Talking Time (all apartments).	60 secs	Original
9999#24#Time#Apartmentnumber#	Set Talking Time (individual apartment). Time = 5-9999 secs Apartmentnumber = 1-5 digits	60 secs	Original

SMS String	Description	Default	Firmware Version
Volume Controls			
9999#3#X#	Speaker Volume Level X = 1-9	5	Original
9999#4#X#	Microphone Volume Level X = 1-9	5	Original
9999#5#X#	Ringtone Volume Level X = 1-6	3	Original
9999#6#X#	Keypad Volume Level X = 1-3	3	N/a (coming soon!)
Access Control			
9999#35#X#	Enable Caller ID for residents X = 1 enable; X = 0 disable	0	Original
9999#36#X#	Enable latching ability on received calls by residents X = 1 enable; X = 0 disable	0	Original
Engineer/Manager Codes			
9999#40#Engineercode#	Change engineer code if current engineer code is known Engineercode = 4 digit code	9999	Original
9999#41#Managercode#	Change manager/user code if engineer code is known Managercode = 4 digit code	5555	Original
Manager Button Programming (Optional with manager button)			
9999#10#0#Name#Phonenumber1,Phonenumber2,Phonenumber3###	Enter dial out number(s) for Help / Manager button	N/A	Original
9999#85#day,day,day,day,day,day,day#time1,time2#	Add trade times to auto trigger relay 1 if pressed. Day = mon,tue,wed,thu,fri,sat,sun. Time1 = start time Time2 = end time (24 hr format, no colon. E.G 8:30am = 0830)	N/A	Original
9999#85#*#*#	Delete all trade times.	N/A	Original
Relay Operation via SMS			
9999#X# or 5555#X#	Manually trigger or latch relay by SMS. X=Relay function. (1=Trigger relay 1, 2=Latch relay 1, 3=Unlatch relay 1) (4=Trigger relay 2, 5=Latch relay 2, 6=Unlatch relay 2)	9999 / 5555	Original
9999#80#X#	Disable SMS reply from manual trigger, latch or unlatch command. X = 0 or 1 (0 = Disable, 1 = Enable)	1	Original
Relay Names and Status Names			
9999#39#Name1#Name2#RelayStatus1#RelayStatus2####	Set Doorstation Relay Names & Status Names Name1 = Relay 1 name e.g. Front Gate Name2 = Relay 2 name e.g. Back Gate RelayStatus1 = Latched Relay Status name e.g. Open RelayStatus2 = Unlatched Relay status name e.g. Closed	N/A	Original
9999#391#Aux1#Aux2#Aux3#Aux4#Aux5#Aux6#	Set Auxiliary Relay Names (status names already defined in above SMS) Aux1 = Auxiliary 1 name e.g. Front Door Keypad Aux2 = Auxiliary 2 name e.g. Lobby Prox Reader Maximum of 6 Auxiliaries	N/A	Original
Relay Times			
9999#50#X#	Relay 1 time. X = 1-9999 secs	1 sec	Original
9999#51#X#	Relay 2 time. X = 1-9999 secs	1 sec	Original
Push-To-Exit			
9999#94#X#	Switch PTE relay from relay 1 to 2 X = 1 or 2 (1 = Relay 1, 2 = Relay 2)	1	V1.0.7
9999#94#Day,Day,Day#Time1,Time2#	Enter all active days during which PTE should operate. Day = mon,tue,wed,thu,fri,sat,sun. Time1 = start time Time2 = end time (24 hr format, no colon. E.G 8:30am = 0830)	N/A	V1.0.7
9999#94#*#	Delete all Push To Exit times.	N/A	V1.0.7

SMS String	Description	Default	Firmware Version
Auxiliary Unit Relay Times			
9999#053#X#	Relay 3 time. X = 1-9999 secs	1 sec	Original
9999#054#X#	Relay 4 time. X = 1-9999 secs	1 sec	Original
9999#055#X#	Relay 5 time. X = 1-9999 secs	1 sec	Original
9999#056#X#	Relay 6 time. X = 1-9999 secs	1 sec	Original
9999#057#X#	Relay 7 time. X = 1-9999 secs	1 sec	Original
9999#058#X#	Relay 8 time. X = 1-9999 secs	1 sec	Original
Auto Clock Sync			
9999#54#SIMphonenumber#	Store Intercom OWN phone number for time sync after reboot/power failure.	N/A	Original
9999#55#days#	Activate auto time reset for Winter/Summer daylight saving Days = 0-99, number of days between SMS (0 = no SMS)	0	Original
Time Synchronization Options			
9999#87#X#	Program Time Synchronization Mode X = 0 by SMS ; X = 1 by NTP Server (requires Time Zone programming, see function 86 below)	0	Original
9999#86#X#	Program Time Zone (Universal Time Clock) X = -12 to 12 [After this send code *20# to check time] (E.g. the local time zone = UTC -4 e.g. 9999#86#-4#)	0	Original
9999#59#X#	Adjust timestamp manually to account for local time differences. X = -24 to 24 [After this send code *20# to check time] (E.g. the local time is 15:30 but the time in the intercom is 17:30 - use this code to adjust the time: 9999#59#-2#)	N/A	Original
Network Settings			
9999#38#APN#	Set APN for connecting to 4G network. APN = Network's APN (this can be obtained from the network provider eg. 9999#38#wap.vodafone.co.uk#)	N/A	Original
9999#38#*#	Delete stored APN.	N/A	Original
9999#88#X#	Modem auto reboot. X = 0-99 (When X=0 the reboot timer is turned off; X=4, the modem will be rebooted every 4 hours.)	0	Original
9999#98#X#	Change Network Mode (Turn off 4G mode to not allow data usage) [No ping when in 2G/3G mode] X = 0 4G Off (2G/3G only) ; X = 1 Auto-Switch (2G/3G/4G)	1	Original
Do Not Disturb Programming - Glossary Of Terms			
Day = mon,tue,wed,thu,fri etc. Time1 = start time, Time2 = end time (24 hr format, no colon. E.G 8:30am = 0830) Phonenumber = max 14 digit phone number X = Button Number 0-25.			
Do Not Disturb (Dial Out function is ACTIVE during set times) **For all Buttons:**			
9999#90#Day,Day,Day#Time1,Time2#	Enter all active days during which unit should dial out.	N/A	Original
9999#90#*#*#	Delete all Do Not Disturb Times	N/A	Original
9999#91#Phonenumber#	Set Out of Hours Number	N/A	Original
9999#91#*#	Delete Out of Hours Number	N/A	Original
For individual Buttons:			
9999#92#X#Day,Day,Day#Time1,Time2#	Enter all active days during which specific apartment should dial out.	N/A	Original
9999#92#X#*#*#	Delete all Do Not Disturb Times	N/A	Original
9999#93#X#Phonenumber#	Set Out of Hours Number	N/A	Original
9999#93#X#*#	Delete Out of Hours Number	N/A	Original

SMS String	Description	Default	Firmware Version

Enable Auxiliary Unit(s)

SMS String	Description	Default	Firmware Version
9999#00#X#	Enable/ Disable Auxiliary Unit(s) X = 0 or 1 (0 = Disable, 1 = Enable) (Default state (disabled) ensures use of both **relays 1 AND 2** via keypad and/or prox- when enabled for auxiliary use, **relay 1 OR 2** can be triggered via keypad and/or prox).	0	Original

Visitor Programming - Glossary Of Terms

X = 1-8 for relay 1-8 (1-2 for Caller ID)
Card ID = 10 digit Prox ID number
Phonenumber = max 14 digit phone number
Code = 4 digit keypad code
Name = Visitor name (optional) (max 6 characters)
Hours = 1-999 (number of hours a code/card/phonenumber is active for).
Day = mon,tue,wed,thu,fri etc.
Time1 = start time,
Time2 = end time (24 hr format, no colon. E.G 8:30am = 0830)
Time = 1-99 (relay time in secs; 0 = latch)

Visitor Prox ID Programming

SMS String	Description	Default	Firmware Version
9999#61#X#CardID#Name#	Store permanent prox card/tag ID number.	**Max 250**	Original
9999#62#X#Hours#CardID#	Store temporary prox card/tag ID number.	**Max 50**	Original
9999#63#X#Day,Day,Day#Time1,	Store time restricted prox card/tag ID number.	**Max 250**	Original
9999#64#CardID#	Delete known prox card/tag ID number.	N/A	Original
9999#64#*#	Delete all stored visitor prox card/tag ID numbers	N/A	Original

Visitor Caller ID Programming (ensure this feature is switched on)

SMS String	Description	Default	Firmware Version
9999#71#X#Phonenumber#Name#	Store permanent caller ID phone number.	**Max 250**	Original
9999#72#X#Hours#Phonenumber#	Store temporary caller ID phone number.	**Max 50**	Original
9999#73#X#Day,Day,Day#Time1,Time2#Phonenumber#Name#	Store time restricted caller ID phone number.	**Max 250**	Original
9999#74#Phonenumber#	Delete known caller ID phone number	N/A	Original
9999#74#*#	Delete all stored visitor caller ID phone numbers	N/A	Original
9999#75#X#	Disable KPN feature.	1	Original

Visitor Keypad Programming (*key must be pressed after code is entered)

SMS String	Description	Default	Firmware Version
9999#81#X#Code#Time#Name#	Store permanent Keypad code.	**Max 250**	Original
9999#82#X#Hours#Code#	Store temporary Keypad code.	**Max 50**	Original
9999#83#X#Day,Day,Day#Time1,Time2#Code#Name#	Store time restricted Keypad code.	**Max 250**	Original
9999#84#code#	Delete known Keypad code	N/A	Original
9999#84#*#	Delete all stored visitor Keypad codes	N/A	Original

SMS String	Description	Default	Firmware Version

Automatic Relay Times

SMS String	Description	Default	Firmware Version
5555#X#Day,Day,Day#Time#	X=1,2,3 (trigger, latch, unlatch relay) 4,5,6 (relay 2) Day = days of the week (mon,tue,wed,thur,fri,sat,sun) Time = time of day (24 hr format, no colon. E.g. 8:30am = 0830)	N/A	Original
5555#*#	Delete ALL automatic trigger times.	N/A	Original

Information

SMS String	Description	Default	Firmware Version
*10#	Check Stored Technical Information	N/A	Original
*20#	Check Signal Level (1-31). (recommended minimum level 10 for 4G or 3G and level 13 for 2G) Also includes firmware version, time and date, IMEI number and APN.	N/A	Original
5555*21#	Check stored Visitor Caller ID. Norm = permanent Caller ID; Plan = time restricted Caller ID; Temp = temporary Caller ID; R1-2 = number programmed for relay 1-2.	N/A	Original
5555*22#	Check Relay Status	N/A	Original
5555*23#	Events Log (check last 20 events, most recent first).	N/A	Original
5555*24#	Check stored Visitor Keypad Codes Norm = permanent keypad codes; Plan = time restricted keypad codes; Temp = temporary keypad codes; R1-8 = code programmed for relay 1-8; *** = latching code.**	N/A	Original **(V1.0.7 upgrade)**
5555*25#	Check stored Visitor Prox IDs Norm = permanent prox card/tags; Plan = time restricted prox card/tags; Temp = temporary prox card/tags; R1-8 = card/tag programmed for relay 1-8.	N/A	Original
5555*26#	Check Automatic Relay Times. (F1-3 = Function 1-3, R 1/2 = Relay 1/2) F1 = Trigger; F2 = Latch; F3 = Unlatch.	N/A	Original
5555*27#	Check Do Not Disturb Times and Out of Hours Number	N/A	Original
5555*29#	Check Auxiliary Unit(s) Relay Status.	N/A	Original
5555*40#	Check Push To Exit Time Limits	N/A	V1.0.7
9999#26#Buttonnumber#	Check stored resident details Apartment number = Digit reference used when programming resident info (1-5 digits).	N/A	Original
9999#26#*#	Check all stored residents	N/A	V1.0.7
9999#27#X#	Events Log Customise X = 5-50 (e.g. 9999#2710# for 10 events in reply message).	20	Original

Note: For the events log we show the resident name, we do not need to see the actual keypad code used, or the prox serial number used, merely show that it was a PROX card or code which was used, and by which resident.

SMS String	Description	Default	Firmware Version
5555*97#	Check MBN list.	N/A	V1.0.6
5555*98#	Check NTP server and Google ping status.	N/A	V1.0.6

Restore Defaults

SMS String	Description	Default	Firmware Version
9999#99#	Send with passcode string to clear all programming.	N/A	Original