

FG 155 C

Technical Data Sheet

Device data	
Dimensions (W x D x H)	19.7 x 10.3 x 7.5 inches
Weight	18 lbs. 5 ounces
Material	ABS (housing)

Certificates	
Certificate	FCC
Marking	Contains: FCC ID: OJM900MCA / IC: 5840A-900MCA

Features	
Display	FSTN, 2", 240 x 128 pixels, LED backlight
Processor	DSP 16 bit
Operation	<ul style="list-style-type: none"> • membrane keypad with 6 keys • remote control

Operating conditions	
Operating temperature	5 – 122 °F
Storage temperature	5 – 122 °F
Humidity	15 – 90 % r.h., non-condensing
Protection rating	IP 54 (when cover is closed)
Non-permitted operating environments	in potentially explosive areas

Power supply	
Power supply	Pb battery, built-in
Operating time, minimum	2 h at 77 °F
Operating time, maximum	50 h at 77 °F
Battery power	180 Wh
Battery voltage	12 V
Charging time	≤ 7 h
Charging temperature	5 – 104 °F
Charging voltage	12 V
Charging current	3.5 A
Charging socket	4-pin (binder)

Data transmission (remote control)	
Transmission frequency	902 - 928 MHz
Radio range	330 ft
Communication	radio
Power	9.5 dBm

Location	
Transmitting frequency	<p>electromagnetic location:</p> <ul style="list-style-type: none"> • direct energizing: 512 Hz / 640 Hz / 1.100 kHz / 8.192 kHz / 9.950 kHz / 32.768 kHz / 1.666 kHz / 65.536 kHz / 83.078 kHz / 116.000 kHz <p>can also be set to any frequency between 200 Hz – 116.000 kHz.</p> <ul style="list-style-type: none"> • indirect energizing: 9.950 Hz / 41.666 kHz <p>acoustic location:</p> <ul style="list-style-type: none"> • striker: 0.4 – 1.6 s • stopper 1.0 – 1.6 s
transmitting power	<ul style="list-style-type: none"> • 10 W • 1 W starting at 45 kHz
transmitting current	<ul style="list-style-type: none"> • with continuous signal: 0.5 A • with pulsed signal: 1 A
Transmission voltage, effective	max. 120 V
Signal strength	<p>length of pulse:</p> <ul style="list-style-type: none"> • striker: 14 – 80 ms • stopper: 160 ms

Additional data	
Remote control	power supply: CR 2032

Assignment	
System components of	FERROPHON and COMBIPHON system
For use with	<ul style="list-style-type: none"> • COMBIPHON striker • COMBIPHON stopper

Subject to technical changes.