



## Flush mount horns

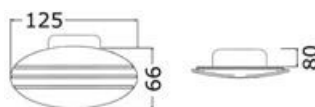
**OSCOLATI**



### Flush mount foldable horn

It is usually mounted on the gunwale, a small **white ABS** front panel appears on the outside. Mounting from the outside.

Code	V	Power	Frame mm	Recess mm
21.102.05	12	100 dB	125x66	85x50x80 (depth)



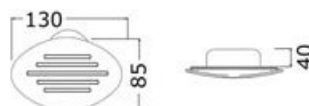
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### Flush mount foldaway horn

**White ABS** body, mounting from the outside.

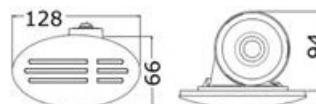
Code	V	Power	Frame mm	Recess Ø mm
21.102.20	12	105 dB	130x85	70x40 (depth)



### Hidden built-in horn

Black and white front panel. All-**stainless steel** body.

Code	Volt	Power	Front panel mm	Recess mm
21.402.30	12	112 dB	128x66	84x43x94 (depth)



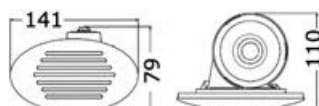
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### Flush-mount foldaway horn with spiral amplifier

**ABS** body, white grill; this diaphragm horn with **spiral amplifier** can emit a very powerful sound (acoustic range of 112 d.b., double power of 105 d.b.).

Code	V	Power	Frame mm	Recess mm	Inner size mm
21.101.00	12	112 dB	141x79	96x60	110



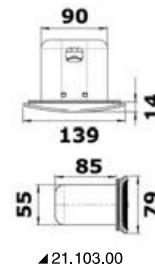
**Sound built-in horn**

**REGISTERED DESIGN /  
DISEGNO DEPOSITATO**

High-power horn with excellent sound yield. UV-resistant white ASA removable front panel and integral case. Mounting from the outside.

Code	Version	V	A	Power	Front panel		Recess mm
					Finish	mm	
21.103.00	Oblong	12	1.5	105 dB	White ASA	139x79	90x55x85 (depth)
21.103.10	Round	12	1.5	105 dB	White ASA	115x110	Ø 80 x 57 (depth)

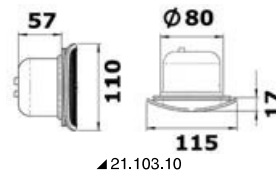
**OSCULATI**



▲21.103.00



▲21.103.00



▲21.103.10



▲21.103.10

**“Sound”  
recessed horn**

21.103.00  
Easy mounting  
high power horn



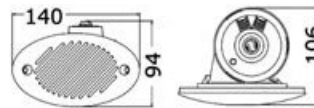
**MADE IN ITALY**  
(REGISTERED DESIGN)

**FIAMM built-in horn**

Easy and fast mounting; preinstalled gasket, **plastic** parts, 5-year warranty against UV-ray yellowing.

Code	V	Power dB	Frame		Recess mm
			finish	mm	
21.100.01	12	115	White	140x80	90x60x95 (depth)
21.100.20	12	115	Polished SS	140x80	90x60x95 (depth)

**FIAMM**



▲21.100.20

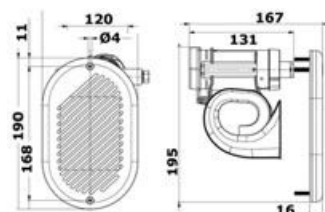


▲21.100.01

**Electropneumatic HURRICANE horn with internal compressor into the trumpet**

No wiring for the air hose.

Code	Initials	V	dB a 1 m	A	Recess trumpet mm	Frame type
21.454.12	HR1	12	120	18	202x120	white
21.455.12	HR1/C	12	120	18	202x120	chromium plated
21.455.24	HR1/C	24	120	9	202x120	chromium plated



▲21.455.12/24



▲21.454.12

## Horns and bullhorns

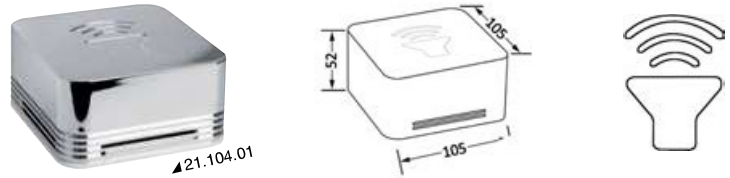
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## Q BOX diaphragm horn

ABS frame, front assembling.

Code	Version	volt	Power	mm
21.104.00	White	12	109 dB	105x105x52
21.104.01	Chromed	12	109 dB	105x105x52



## Aerodynamic diaphragm horn

Stainless steel support, ABS case, compact line.

Code	Finish	V	Current draw A	Power dB	mm
21.450.00BI	White + chromed ABS	12	4,5	114	100x155x70
21.450.00NE	Black + chromed ABS	12	4,5	114	100x155x70
21.449.00	White ABS	12	4,5	114	100x155x70

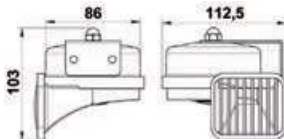


## Very powerful diaphragm horn

Chromed ABS body with mirror-polished stainless steel support. Single horn power: 115 + - 5 dB.



Code	Model	Tune	volt	A
21.451.40	single	low frequency	12	8
21.451.42	double	low + high frequency	12	16

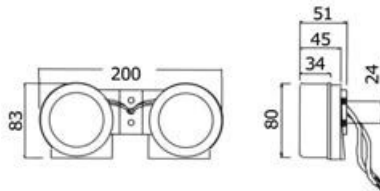


## Compact diaphragm horn

Mirror-polished stainless steel body + ABS base. Single horn power: 110 ± 5 dB.



Code	Model	Tune	volt	A
21.451.52	Double	Low + high	12	4



## Trumpet-style diaphragm horn

Made of stainless steel. Single- or dual-tone sound.

Code	No. of horns	Db	V	mm
21.452.03	1	115	12	395x100 (width)
21.452.04	2	115	12	455x190 (width)

**Diaphragm horn**

Body in mirror polished stainless steel and chromed ABS horn. Single- or dual-tone sound.

Code	No. of horns	V	Length mm	Body Ø mm
21.452.06	1	12	210	82.5
21.452.07	2	12	210+268	82.5

**Chromed brass horn with compressor for boats up to 20 m**

Made of chromed brass, fitted with compressor and mounting kit. RINA type-approved in compliance with the Colreg72 regulations and NMMA approved in compliance with the ABYC A-23 standard.

Code	V	Horns	Length mm	Width mm	dB	Standard for boats up to
21.442.12	12	1	241	89	120±5	20 m
21.442.24	24	1	241	89	120±5	20 m
21.443.12	12	2	241	127	120±5	20 m
21.443.24	24	2	241	127	120±5	20 m

**FIAMM trumpet horn with compressor**

Very POWERFUL double stainless steel horn.

Code	No. of horns	V	Horn cm
21.465.12	2	12	37/43
21.465.24	2	24	37/43

**FIAMM horn model BORA with compressor,**

Very powerful heavy sound, with stainless steel horns.

Code	No. of horns	V	Horn length cm	Audible up to
21.469.12	1	12	37	1600 m
21.469.24	1	24	37	1600 m

**Chromed ABS trumpet horn with compressor**

Very powerful, fine design and very sturdy.

Code	No. of horns	Initials	V	Length mm
21.451.12	1	MA1-C	12	390
21.451.24	1	MA1-C	24	390



**MARCO**  
MARINE TECH

**MARCO brass horn with compressor**

Type approved RINA, suitable for pleasure boats over 12 metres and for commercial boats (fishing or similar) from 12 to 20 metres; **white lacquered brass** horn; includes compressor and mounting accessories.

Code	Initials	Finishing	V	Type	Length mm	Ø mouth mm
21.440.12	PW2	<input type="checkbox"/> White paint	12	Classic	460	200
21.440.13	New PW2-BB	<input checked="" type="checkbox"/> Black paint	12	Classic	460	200
21.440.24	PW2	<input type="checkbox"/> White paint	24	Classic	460	200
21.440.25	New PW2-BB	<input checked="" type="checkbox"/> Black paint	24	Classic	460	200


**MARCO**  
MARINE TECH

**MARCO brass horn**

RINA, LLOYD's, Bureau Veritas type-approved . It works with onboard compressed air or dedicated compressor.

Code	Initials	Item	V	dB	Type-tested for boats m	Length mm
21.441.01	PW3	Horn - white paint	24	132	20/75	465x300
21.441.02	PW3-BC	Horn - chromed	24	132	20/75	449x300
21.441.03	New PW3-BN	Horn - black paint + solenoid valve	24	132	20/75	449x300
21.441.09	M3	Compressor	24	-	-	368x380x192


**SUPERCELERE electric siren**

Made of nylon, range 800/1000 metres, very powerful sound.

Code	V	Hz frequency	Power	Length mm
21.466.00	12	900	113 dB at 1 m	185x156x140
21.466.01	24	900	113 d.b. at 1 m	185x156x140

**MARCO**  
MARINE TECH

**MARCO electronic horn, easy mounting**

Includes **mirror polished stainless steel** bracket; easy installation, only requires for 2 horn wires to be connected into the control unit; type approved RINA for pleasure boating (Ministerial Order 5/9/90) and boats from 12 to 20 metres.

Code	Initials	V	Loudspeaker Ø mm	Length mm
21.430.12	EW2	12	239	250
21.430.24	EW2	24	239	250

**MARCO**  
MARINE TECH

**MARCO electronic horn with amplifier, suitable for boats from 12 to 20 metres**

Electric horn, easy mounting, only requires for 2 horn wires to be connected into the control unit; supplied with **mirror polished stainless steel** bracket; fitted with **voice amplifier device used to transmit vocal messages + automatic fog signal + VHF input**; it includes microphone; RINA type-approved for pleasure and fishing boats from 12 to 20 metres.

Code	Initials	V	Additional function
21.431.12	EW2-M	12	-
21.431.24	EW2-M	24	-
21.431.30	EW2-MS	12	Siren
21.431.34	EW2-MS	24	Siren




21.432.00 Additional control panel to control electronic hoots from a second station.

21.433.36 Standard MIC2 microphone for EW type-tested hoots.

**MARCO electric horn with amplifier, suitable for boats from 20 to 75 metres**

It includes **amplifier, fog signal, VHF input, microphone input**. RINA-type approved for boats up to 75 metres, either **pleasure or fishing** boats. It includes microphone.

Code	Initials	V	Loudspeaker Ø mm	Length mm
21.433.24	EW3-M	24	325	437
21.433.34	EW3-M	24	-	-

-  **21.432.00** Additional control panel to control electronic hoots from a second station.
- 21.433.36** Standard MIC2 microphone for EW type-tested hoots.



**MARCO multifunction electronic horn/whistle**

Functions: - Horn - VHF input - Automatic fog signal - Microphone.  
Includes water-proof speakers, stainless steel bracket, control microphone; type-approved for boats up to 12 metres.

Code	Initials	V	Power	Protection	↔ mm
21.427.12	EMH-M	12	112 dB	IP66	154x121x132
21.427.24	EMH-M	24	112 dB	IP66	154x121x132



**MARCO electronic multifunction horn/whistle with encodable signals**

Functions: - Horn - 2 AUX inputs (VHF + stereo) - Automatic fog signal - Microphone - Emergency siren with pre-codified POLICE, FIRE DEPARTMENT, AMBULANCE signals + more codifiable signals.  
Includes 2 water-proof speakers, stainless steel brackets and a microphone; especially suitable for public transportation, harbour offices, fire fighters, policemen, tourist boats, etc..

Code	Initials	V	↔ mm	Protection
21.428.12	EMH-2	12	154x121x132	IP66
21.428.24	EMH-2	24	154x121x132	IP66



**MARCO additional control panel**

Suitable for controlling electronic whistles from other stations. It includes microphone and watertight connector. Suitable for items 21.431.12; 21.431.24; 21.433.24; 21.427.12; 21.427.24; 21.428.12; 21.428.24.

Code	Description
21.432.00	IP67 control panel for electrical hazards



**Acoustic and attention alarm**

Watertight intermittent alarm ideal for signalling the opening of hatches, davits, engine housings, garages, tenders, etc.

Code	volt	Power	↔ mm
21.464.00	12/24	105dB	101x73x40



**New Professional electronic bullhorn**

Functions: **bullhorn + siren + whistle**.

Code	W	Capacity		Length mm	mouth-Ø mm	Power	Run time	kg
		in urban area m	outdoors m					
21.325.00	30	350	1000	310	200	6 batteries C-type x 1,5 V halftorch (LR14) NOT INCLUDED	8 h	1,8



## Ship's bells and foghorns

### Brass bells



Fitted with swivelling bracket in only one direction.

Code	Ø mouth mm
21.222.80	100
21.222.90	150
21.222.30	175

### Type-approved chromed brass ship's bell



Code	Ø mouth mm
21.202.90	150
21.202.91	175

### Chromed brass ship's bell



Mirror-polished bronze bell, it includes swinging bracket and striker.

Code	Ø mouth mm
21.530.00	100
21.530.01	150
21.530.02	175

### Brass ship's bell



Mirror polished, includes bayonet bracket and striker; **type-approved RINA**, suitable for pleasure boating and Merchant Navy.

Code	Ø mouth mm	Type-approved for hulls
21.532.00	210	from 12 to 20 metres
21.533.00	300	over 20 metres

### Japanese hand pressure chromed brass fog horn



**21.453.02** Twisted horn for a deep and pleasant sound.

### Japanese hand pressure chromed brass fog horn



**21.453.01** Has a more ringing sound than horn 21.453.02.

### Fog horn



Code	Material	Length cm
21.462.00	SS	18,5

### Fog horn



Compulsory under French safety standards.

Code	Material	Length cm
21.462.30	Plastic	29,6

### Whistle for life vests



RINA type-approved.

Code	Type	Material	Colour	Length cm
21.755.00	Standard	Plastic	Orange	6,8

### Boatswain's call



Code	Material	Length cm
21.482.00	Brass	14

### Referee's whistle (powerful treble)



Code	Material	Length cm
21.483.00	Chromed brass	4,5

### Fog whistle



Code	Material	Length cm
21.484.00	Chromed brass	8

## Gas Fog Horns

### Big gas horn

Charged with **non-flammable** gas.  
Horn/bottle **snap** coupling.

Code	Description
21.457.00	Gas horn with 300-ml bottle, <b>made in accordance with DM 5/9/90 Enclosure II</b> . Acoustical level 100 db, <b>aluminium</b> inner core.
21.457.01	Spare bottle capacity of 300 ml., loaded with <b>ecological non-flammable gas</b> .



### Gas horn

Plastic horn, stainless steel base and bottom, bottle containing non-flammable gas.

Code	Description
21.456.01	TA1R RINA type-tested, <b>Gas horn 400 ml</b> for pleasure boats from 12 m to 50 metres. Replaces bell types: 21.532.00, 21.533.00 only for pleasure boating.



### Eco-friendly compressed air horn

Hand-operated via the plunger on the bottom of the cylinder.  
Fitted with double nozzle to be also used as inflator for fenders and balls.

Code	Db	←→  mm	
		bottle	horn
21.458.00	100	Ø 50x160	Ø 75x190

