

## Automotive



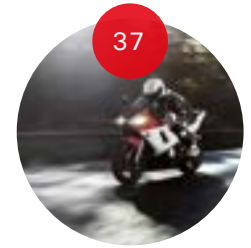
09

Passenger Cars  
& Light Vehicles



21

Truck & Bus



37

Motorbike

## Industrial & Heavy Duty



45

Electromagnetic  
& Electronic Horns

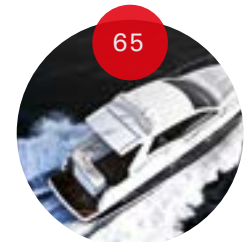
53

Air  
Horns

61

Back-up  
Alarms

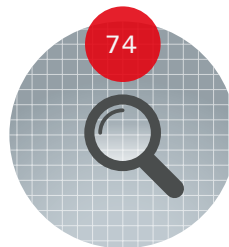
## Marine



65

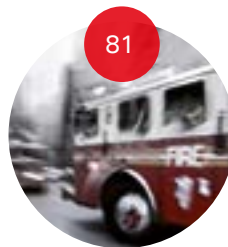
All

## Emergency



74

System  
overview



81

Fire Brigades



91

Police Forces



101

Ambulances

## Miscellaneous



112

Musical Horns



114

Compressors



116

Relays & Valves



117

Gas Horns

# FIAMM

Acoustic Devices  
The Power of Communication

# Emergency



THE WORLD'S  
LARGEST  
MANUFACTURER  
OF CAR HORNS

Fire Brigades | Police Forces | Ambulances



## PS10 SYSTEM CHOICE

A > Choose your country [ 🇮🇹 ]

B > Choose your special force [ 🔥 ❄️ 🛡️ ]

1 Now you can read the code of your electronic module

2 Now you can read on the left the code of your loudspeaker

3 Complete your system with the mandatory connection cable

### 1 ELECTRONIC MODULES



Fire Brigades  
Sapeurs-Pompiers  
Feuerwehr



Ambulance  
Ambulance  
Krankenwagen



Police Forces  
Forces de Police  
Polizekräfte



Italy



France

PS10 AMB-POMP-I COD. 951001	PS10 AMB-POMP-WY-I COD. 951062	PS10 POL-I COD. 951013	PS10 AMB-F COD. 951004	PS10 UMH-F COD. 951006	PS10 AMB-UMH-F COD. 951059	PS10 GEN-F COD. 951007	PS10 POL-F COD. 951008	PS10 SPO-F COD. 951005	PS10 SPO-F 24V COD. 951023		

### 2 LOUDSPEAKERS

LOUDSPEAKER FB COD. 951051	TRUCK 1 module + • 2 loudspeakers	TRUCK 1 module + • 2 loudspeakers	TRUCK 1 module + • 1 loudsp.
LOUDSPEAKER NB COD. 951054	TRUCK 1 module + • 2 loudspeakers	TRUCK 1 module + • 2 loudspeakers	TRUCK 1 module + • 1 loudsp.
LOUDSPEAKER FM COD. 951052	CAR   VAN   TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)	CAR   VAN   TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)	TRUCK 1 module + • 1 loudsp.
LOUDSPEAKER FMW COD. 951077	CAR   VAN   TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)	CAR   VAN   TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)	TRUCK 1 module + • 1 loudsp.
LOUDSPEAKER FS COD. 951053	CAR   VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)	CAR   VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)	-
LOUDSPEAKER NS COD. 951056	CAR   VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)	CAR   VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)	-
LOUDSPEAKER NSC COD. 951055	MOTORBIKE   CAR 1 module + • 1 loudspeaker (Motorbike, Car) • 2 loudspeakers (Motorbike, Car)	MOTORBIKE   CAR 1 module + • 1 loudspeaker (Motorbike, Car) • 2 loudspeakers (Motorbike, Car)	-

### 3 CONNECTION CABLE

CONNECTION  
CABLE  
COD. 951057

MANDATORY FOR ALL SYSTEMS | OBLIGATOIRE POUR TOUS LES SYSTÈMES | FÜR ALLE SYSTEME ERFORDERLICH



# THE WORLD'S LARGEST MANUFACTURER OF CAR HORNS

Netherlands		Belgium		United Kingdom		Austria		Germany		Latin America		Usa	
								Switzerland				International	
PS10 EMER-N COD. 951028	PS10 EMER-N SLOW COD. 951089	PS10 EMER-B COD. 951078	PS10 SPO-B NIGHT COD. 951091	PS10 EMER-UK COD. 951035	PS10 EMER-WY-UK COD. 951034	PS10 AMB-A COD. 951046	PS10 FEUER-A COD. 951064	PS10 EMER-D COD. 951060	PS10 USSOUND COD. 951061	PS10 USSOUND-WY COD. 951063			
TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers			
TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers			
CAR   VAN   TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR   VAN   TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR   VAN   TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR   VAN   TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR   VAN   TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR   VAN   TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)			
CAR   VAN   TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR   VAN   TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR   VAN   TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR   VAN   TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR   VAN   TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR   VAN   TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)			
CAR   VAN 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van)		CAR   VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR   VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR   VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR   VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR   VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)			
CAR   VAN 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van)		CAR   VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR   VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR   VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR   VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR   VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)			
MOTORBIKE   CAR 1 module + • 1 loudsp. (Motorbike, Car) • 2 loudsp. (Motorbike, Car)		MOTORBIKE   CAR 1 module + • 1 loudsp. (Motorbike, Car) • 2 loudsp. (Motorbike, Car)		MOTORBIKE   CAR 1 module + • 1 loudsp. (Motorbike, Car) • 2 loudsp. (Motorbike, Car)		MOTORBIKE   CAR 1 module + • 1 loudsp. (Motorbike, Car) • 2 loudsp. (Motorbike, Car)		MOTORBIKE   CAR 1 module + • 1 loudsp. (Motorbike, Car) • 2 loudsp. (Motorbike, Car)		MOTORBIKE   CAR 1 module + • 1 loudspeaker (Motorbike, Car) • 2 loudspeakers (Motorbike, Car)			

MANDATORY FOR ALL SYSTEMS | OBLIGATOIRE POUR TOUS LES SYSTÈMES | FÜR ALLE SYSTEME ERFORDERLICH

## MC4 SYSTEM CHOICE

A > Choose your country [ 🇮🇹 ]

B > Choose your special force [ 🔥 ❄️ 🛡️ ]

1 Now you can read the code of your compressor

2 Now you can read on the left the code of your trumpets

3 Lubricator included in the compressor code

### 1 COMPRESSOR



Fire Brigades  
Sapeurs-Pompiers  
Feuerwehr



Ambulance  
Ambulance  
Krankenwagen



Police Forces  
Forces de Police  
Polizeikräfte



Italy



Netherlands



Belgium



United Kingdom



MC4 FDS 12V  
COD. 921084

MC4 FVA 12V  
COD. 921077

MC4 FVA 24V  
COD. 921078

MC4 FALG 12V  
COD. 921121

MC4 FALG 24V  
COD. 921122

MC4 FI 24V  
COD. 921124

MC4 FI 12V  
COD. 921123

MC4 FI 24V  
COD. 921124

2



TRUMPETS

TA/2 906-V  
COD. 920392

CAR | VAN  
1 compressor +  
• 1 set of trumpets

TA/2 906-C  
COD. 920393

CAR | VAN  
1 compressor +  
• 1 set of trumpets

TA/2 VA-V  
COD. 920395

CAR | VAN  
1 compressor +  
• 1 set of trumpets

TRUCK  
1 compressor +  
• 1 set of Trumpets

TA/2 GA-V  
COD. 920615

CAR | VAN  
1 compressor +  
• 1 set of trumpets

TRUCK  
1 compressor +  
• 1 set of Trumpets

TA/2 GB-V  
COD. 920616

CAR | VAN  
1 compressor +  
• 1 set of trumpets

TRUCK  
1 compressor +  
• 1 set of Trumpets

TA/2 BL-C  
COD. 920629

TRUCK  
1 compressor +  
• 1 set of Trumpets

CAR | VAN  
1 compressor +  
• 1 set of trumpets

TRUCK  
1 compr. +  
• 1 set of Trumpets

TA/2 BL-V  
COD. 920396

TRUCK  
1 compressor +  
• 1 set of Trumpets

CAR | VAN  
1 compressor +  
• 1 set of trumpets

TRUCK  
1 compr. +  
• 1 set of Trumpets

TA/2 DE-B  
COD. 920397

TA/4 906-C  
COD. 920394

3



LUBRICATOR  
COD. 920617

ALWAYS INCLUDED WITH THE COMPRESSOR, IN CASE ALSO AVAILABLE AS A SPARE PART



# THE WORLD'S LARGEST MANUFACTURER OF CAR HORNS

Austria			Germany		Switzerland		International		
			  		  		  		<input type="checkbox"/> = included   <input type="checkbox"/> = optional
MC4 FD 12V COD. 921116	MC4 FA 12V COD. 921118	MC4 FA 24V COD. 921119	MC4 FD 12V COD. 921116	MC4 FD 24V COD. 921117	MC4 FD 12V COD. 921116	MC4 FD 24V COD. 921117	MC4 FI 12V COD. 921123	MC4 FI 24V COD. 921124	SPOILER COD. 920618
CAR   VAN 1 compr. + • 1 set of Trumpets			CAR   VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets	CAR   VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets	CAR   VAN TRUCK 1 compressor + • 1 set of Trumpets	TRUCK 1 compressor + • 1 set of Trumpets	<input type="checkbox"/>
CAR   VAN 1 compr. + • 1 set of Trumpets			CAR   VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets	CAR   VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets	CAR   VAN TRUCK 1 compressor + • 1 set of Trumpets	TRUCK 1 compressor + • 1 set of Trumpets	<input type="checkbox"/>
									<input type="checkbox"/>
									•
									•
									•
									•
	CAR   VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets							•
			CAR   VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets			CAR   VAN TRUCK 1 compressor + • 1 set of Trumpets	TRUCK 1 compressor + • 1 set of Trumpets	<input type="checkbox"/>

ALWAYS INCLUDED WITH THE COMPRESSOR, IN CASE ALSO AVAILABLE AS A SPARE PART

## PS20 SYSTEM CHOICE

A > Choose your country [ ]

B > Choose your special force [ ]

1 Now you can read the code of your electronic control unit

C > Choose your vehicle type

2 Now you can read on the left the code of your trumpets

1 + ELECTRONIC CONTROL UNIT

Fire Brigades  
Sapeurs-Pompiers  
Feuerwehr

Ambulance  
Ambulance  
Krankenwagen

Police Forces  
Forces de Police  
Polizekräfte


















	Italy	Belgium	United Kingdom	Germany
	PS20 - POL - I 12V COD. 951081	PS20 AMB/POMP - I 12V COD. 951082	PS20 AMB/POMP - I 24V COD. 951083	PS20 - HI-LO 24V COD. 951080
	PS20 - HI-LO 12V COD. 951079	PS20 - HI-LO 24V COD. 951080	PS20 EMER - D 12V COD. 951084	PS20 EMER - D 24V COD. 951085
<b>TA/2 906-V</b> COD. 920392	CAR   VAN 1 electr. unit + • 1 set of Trumpets			CAR   VAN 1 electr. unit + • 1 set of Trumpets
<b>TA/2 906-C</b> COD. 920393	CAR   VAN 1 electr. unit + • 1 set of Trumpets			TRUCK 1 electr. unit + • 1 set of Trumpets
<b>TA/2 VA-V</b> COD. 920395	CAR   VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets		
<b>TA/2 BL-C</b> COD. 920629			TRUCK 1 electr. unit + • 1 set of Trumpets	CAR   VAN 1 electr. unit + • 1 set of Trumpets
<b>TA/2 BL-V</b> COD. 920396			TRUCK 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets
<b>TA/2 DE-B</b> COD. 920397				
<b>TA/4 906-C</b> COD. 920394				CAR   VAN 1 electr. unit + • 1 set of Trumpets
				TRUCK 1 electr. unit + • 1 set of Trumpets

2 TRUMPETS





# THE WORLD'S LARGEST MANUFACTURER OF CAR HORNS

 Austria				 Switzerland		 International		<input type="checkbox"/> = included   • = optional
				  		  		
PS20 EMIER - D 12V COD. 951084	PS20 - FEUER -A 12V COD. 951087	PS20 - FEUER -A 24V COD. 951088	PS20 - FEUER -A 24V COD. 951086	PS20 EMIER - D 12V COD. 951084	PS20 EMIER - D 24V COD. 951085	PS20 - HI-LO 12V COD. 951079	PS20 - HI-LO 24V COD. 951080	SPOILER COD. 920618
CAR   VAN 1 electr. unit + • 1 set of Trumpets				CAR   VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	CAR   VAN TRUCK 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	<input type="checkbox"/>
CAR   VAN 1 electr. unit + • 1 set of Trumpets				CAR   VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	CAR   VAN TRUCK 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	<input type="checkbox"/>
								<input type="checkbox"/>
								•
								•
	CAR   VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets					•
				CAR   VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	CAR   VAN TRUCK 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	<input type="checkbox"/>



# Emergency

## Fire Brigades



**FIAMM**  
Acoustic Devices



		Sound Power	Dimension	Lifespan		
<b>ELECTRONIC SYSTEMS</b>	Acoustic system for continuous service, composed by an electronic control unit and a set of loudspeaker	●●●	●	●●●	<b>PS10 System</b>	<b>82</b>
<b>ELECTROPNEUMATIC SYSTEMS</b>	Acoustic system composed by a compressor and a set of trumpets	●●●	●●●	●●●	<b>MC4 System</b>	<b>86</b>
<b>PNEUMATIC SYSTEMS</b>	Acoustic system composed by an electronic control unit and a set of trumpets	●●●	●	●●●	<b>PS20 System</b>	<b>88</b>

# PS10 System

Electronic priority emergency horn for continuous service, ensuring a powerful, clean sound. Systems equipped with a control unit with degree of protection IP67 and Loudspeaker IP 66. The PS10 system, thanks to its flexibility, complies with national standard requirements and can produce several sounds and is therefore easily customisable.

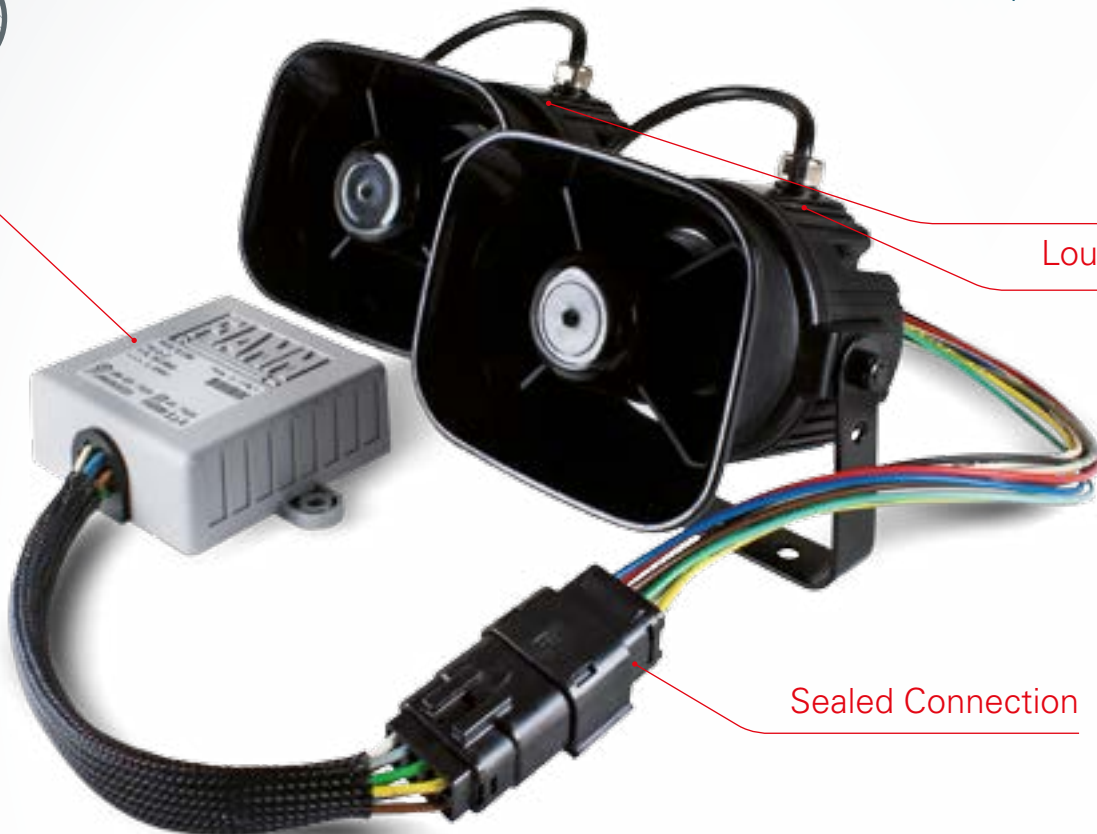
Avertisseur prioritaire électronique pour service continu qui garantit un son puissant et net. Système pourvu de centrale avec degré de protection IP67 et de haut-parleurs IP 66. Le système PS10, grâce à sa flexibilité, répond aux normes nationales exigées et peut produire plusieurs sons, c'est pourquoi il est facilement adaptable.

Bevorrechtigte elektronische Hupe für den Dauerbetrieb. Sie garantiert einen starken und sauberen Klang. System mit Steuereinheit, Schutzgrad IP67 und Lautsprechern IP66. Das System PS10 entspricht dank seiner Flexibilität den national geforderten Richtlinien und kann mehrere Klänge erzeugen, weshalb es sich leicht der jeweiligen Anwendung anpassen lässt.

IP67

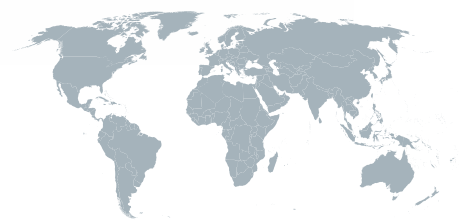
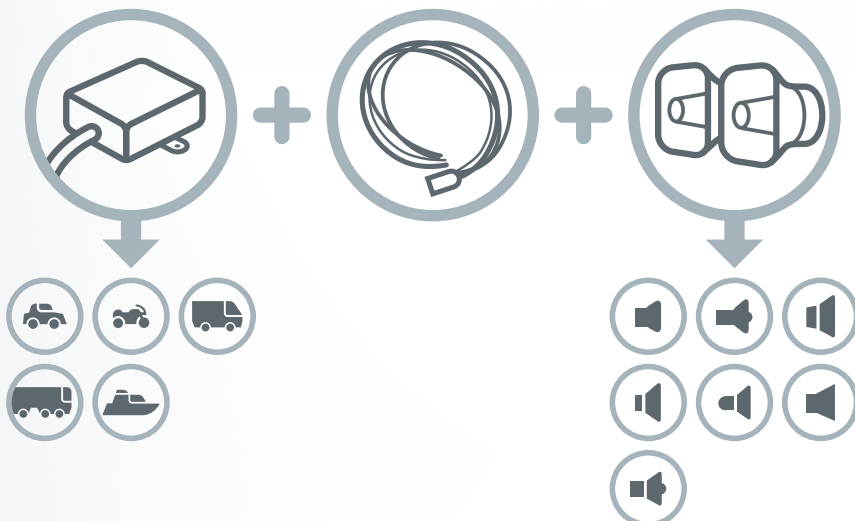


PS10  
12V • 24V



Loudspeaker

Sealed Connection



INTERNATIONAL Hi-Lo  
AMERICAN SOUND Wail / Yelp  
FRANCE  
ITALY  
GERMANY  
AUSTRIA  
SWITZERLAND  
NETHERLANDS  
UK  
IBEROAMERICA



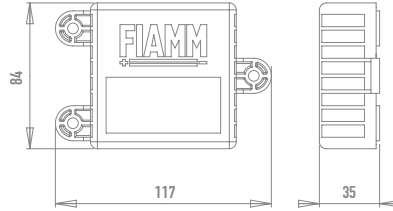
Sounds / Sons / Klänge [www.fiammcomponents.com/Horns](http://www.fiammcomponents.com/Horns)

**ELECTRONIC EMERGENCY HORNS**  
**AVERTISSEURS ÉLECTRONIQUES**  
**ELEKTRONISCHE HUPEN**

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Frequency Fréquence Frequenz	Option	Country Pays Land	Minimum Order Quantity	Packaging
V	A	Hz			u.	



Flame retardant  
PBT



Type approval  
Homologation  
Zulassung

Reg.10/National homologation if required

PS10 - EMER-D COD. 951060	12 24	3,5 1,75	L = 430 H = 570	Stadt/Land	Germany Switzerland	8	S
PS10 - FEUER-A COD. 951064	12 24	3,5 1,75	L = 392 H = 523	-	Austria	8	S
PS10 - AMB-POMP-I COD. 951001	12 24	3,5 1,75	L = 392 H = 660	-	Italy	8	S
PS10 - AMB-POMP-WY-I COD. 951062	12 24	3,5 1,75	L = 392 H = 523	Wail/Yelp	Italy	8	S
PS10 - EMER- N COD. 951028	12 24	3,5 1,75	L = 375 H = 500	Fast/Slow	Netherlands	8	S
PS10-EMER-N SLOW COD. 951089	12 24	3,5 1,75	L = 360 H = 480	Fast/Slow	Netherlands	8	S
PS10-SPO-B NIGHT COD. 951091	12 24	3,5 1,75	L = 440 H = 495	-	Belgium	8	S
PS10 - SPO-F COD. 951005	12 24	3,5 1,75	L = 435 H = 488	-	France	8	S
PS10 - SPO-F 24V COD. 951023 SPECIAL FOR 1 LOUDSPEAKER	24	1,75	L = 435 H = 488	-	France	8	S
PS10 - EMER-UK COD. 951035	12 24	3,5 1,75	L = 440 H = 495	-	United Kingdom	8	S
PS10 - EMER-WY-UK COD. 951034	12 24	3,5 1,75	L = 440 H = 495	Wail/Yelp	United Kingdom	8	S
PS10 - USSOUND COD. 951061 WAIL/YELP	12 24	3,5 1,75	L = 430 H = 570	-	Iberoamérica	8	S
PS10 - USSOUND-WY COD. 951063 HI-LO	12 24	3,5 1,75	L = 560 H = 650	Wail/Yelp	International USA	8	S

# Loudspeakers

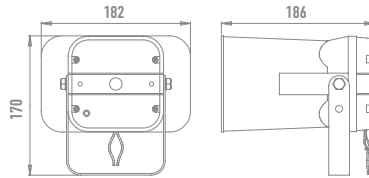
The PS10 system offers 7 different types of loudspeakers to permit the best installation suitable for different needs. There are loudspeakers in ferrite and neodymium, available in various dimensions for internal or external vehicle installation.

Le système PS10 dispose de 7 typologies de haut-parleurs différentes, afin de permettre une installation adaptée aux diverses exigences. Il y a des haut-parleurs en ferrite et en néodyme, disponibles dans différentes dimensions pour des installations internes ou externes au véhicule.

Das System PS10 verfügt über 7 unterschiedliche Lautsprechertypen, um eine den verschiedenen Anforderungen entsprechende Installation zu ermöglichen. Es gibt Lautsprecher aus Ferrit und aus Neodym, die in verschiedenen Größen zur Installation im Innen oder außen am Fahrzeug erhältlich sind.

**LOUDSPEAKERS**  
HAUT-PARLEURS  
LAUTSPRECHER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
V	dB(A) 2m	W	W	Ohm	u.	



LOUDSPEAKER -FB  
COD. 951051



12  
24

115

25

40

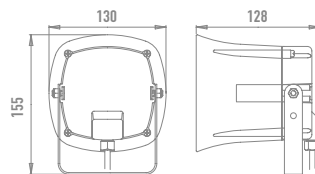
4

8

F12

Degree of protection: **IP56**

ABS/ Ferrite Magnet



LOUDSPEAKER -FM  
COD. 951052



12  
24

114

25

40

4

8

G8

Degree of protection: **IP66**

LOUDSPEAKER -FMW  
COD. 951077  
UV PROTECTION



12  
24

114

25

40

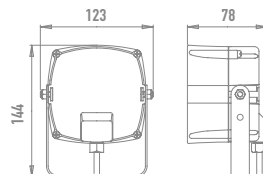
4

8

G8

Degree of protection: **IP66**

ABS/ Ferrite Magnet



LOUDSPEAKER -FS  
COD. 951053



12  
24

113

25

40

4

8

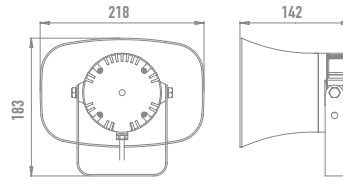
G8

Degree of protection: **IP66**

ABS/ Ferrite Magnet

**LOUDSPEAKERS**  
HAUT-PARLEURS  
LAUTSPRECHER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
V	dB(A) 2m	W	W	Ohm	u.	



LOUDSPEAKER -NB  
COD. 951054

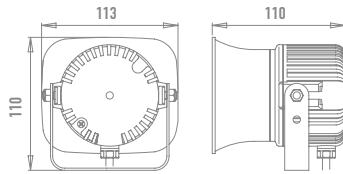


12 24	117	50	70	4	8	F12
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ABS/ Neodymium Magnet

Degree of protection: **IP66**



LOUDSPEAKER -NSC  
COD. 951055

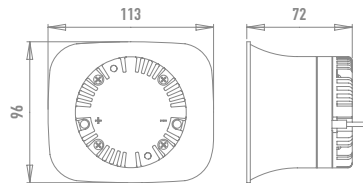


12 24	113	20	30	4	8	G5
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ABS/ Neodymium Magnet

Degree of protection: **IP66**



LOUDSPEAKER -NS  
COD. 951056

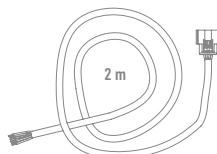


12 24	113	20	30	4	4	G9
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ABS/ Neodymium Magnet

Degree of protection: **IP66**



CONNECTION CABLE PS10  
COD. 951057

Degree of protection: <b>IP67</b>				4	4	19
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ABS

# MC4 System

High power, directional electropneumatic emergency horn systems to be used as primary signals on temporary exit vehicles or as secondary signals to successfully overcome difficult traffic situations or for dangerous crossroads.

Système d'avertisseur électropneumatique, son puissant et directionnel utilisable ponctuellement ou comme avertisseur secondaire pour affronter en toute sécurité les situations de circulation difficiles.

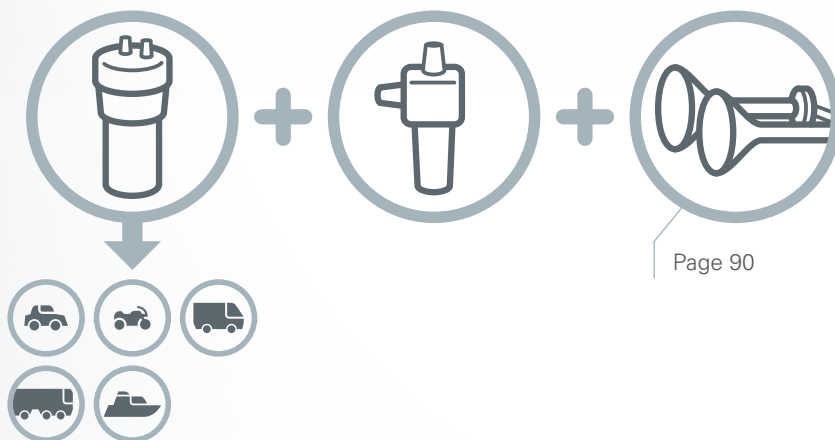
Elektropneumatische Signaleinrichtung mit starkem und gerichtetem Klang. Als erste Signaleinrichtung in Fahrzeugen, die zeitweise ausfahren, oder als sekundäre Signaleinrichtung für die sichere Überwindung schwieriger Verkehrssituationen oder gefährlicher Kreuzungen einsetzbar.



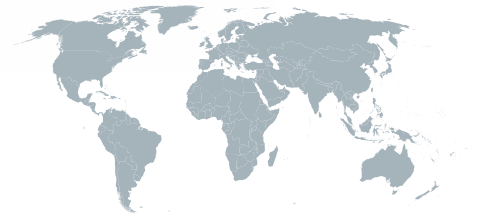
Trumpets

Compressor  
12V • 24V

Lubricator



Page 90



## INTERNATIONAL Hi-Lo

ITALY  
GERMANY  
AUSTRIA  
SPAIN  
SWITZERLAND  
NETHERLANDS  
UK



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**COMPRESSORS**  
COMPRESSEURS  
GEBLÄSE

Voltage  
Tension  
Spannung  
**V**

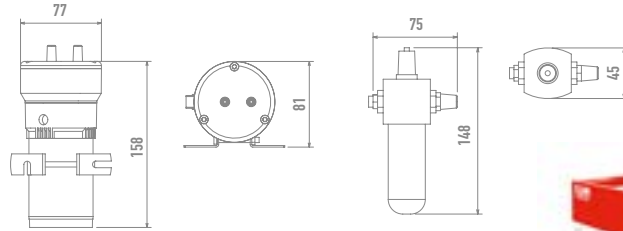
Amp. Draw  
Consommation  
Stromaufnahme  
**A**

Country  
Pays  
Land

Type approval  
Omologation  
Zulassung

Minimum  
Order Quantity  
**F**

Packaging



Steel/Aluminium

MC4 FA 12V + LUBRICATOR >  
COD. 921118

12 17 Austria Reg. 10 ECE 4 I11



MC4 FA 24V + LUBRICATOR >  
COD. 921119

24 8 Austria Reg. 10 ECE 4 I11



MC4 FALG 12V + LUBRICATOR >  
COD. 921121

12 17 Netherlands Reg. 10 ECE 4 I11



MC4 FALG 24V + LUBRICATOR >  
COD. 921122

24 8 Netherlands Reg. 10 ECE 4 I11



MC4 FD 12V + LUBRICATOR >  
COD. 921116

12 17 Germany - Spain  
Austria (Amb)  
Switzerland National/ Reg.10 4 I11



MC4 FD 24V + LUBRICATOR >  
COD. 921117

24 8 Germany - Spain  
Austria (Amb)  
Switzerland National/ Reg.10 4 I11



MC4 FI 12V + LUBRICATOR >  
COD. 921123

12 17 United Kingdom  
International Hi-Lo  
Belgium Reg. 10 ECE 4 I11



MC4 FI 24V + LUBRICATOR >  
COD. 921124

24 8 United Kingdom  
International Hi-Lo  
Belgium Reg. 10 ECE 4 I11



MC4 FVA 12V + LUBRICATOR >  
COD. 921077

12 17 Italy National/ Reg.10 4 I11



MC4 FVA 24V + LUBRICATOR >  
COD. 921078

24 8 Italy National/ Reg.10 4 I11



# PS20 System

Through its powerful and directional sound, the priority system PS20 maximises security and sound localisation of emergency vehicles. A pneumatic horn guided by an electronic module for continuous service, that guarantees a high duration.

Le système prioritaire PS20 maximise la sécurité et la localisation du son des véhicules prioritaires. Il s'agit d'un avertisseur pneumatique guidé par un module électronique pour service continu, qui garantit une durée élevée.

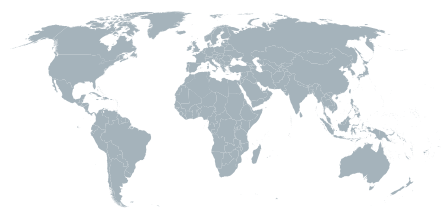
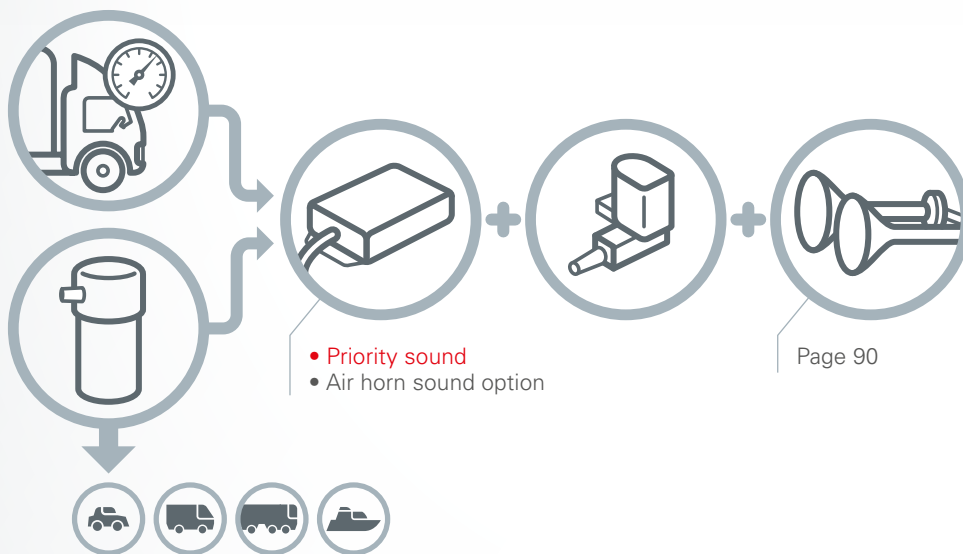
Das bevorrechtigte System PS20 maximiert durch ihren starken und gerichteten Klang die Sicherheit und die Schalllokalisierung der Notdienstfahrzeuge. Pneumatische, von einem elektronischen Modul geführte Hupe für den Dauerbetrieb mit erhöhter Dauer.



Trumpets

Electrovalves  
12V • 24V

PS20  
12V • 24V



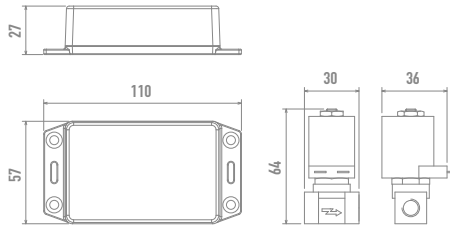
**INTERNATIONAL Hi-Lo**  
 ITALY  
 GERMANY  
 AUSTRIA  
 SWITZERLAND  
 BELGIUM  
 SPAIN  
 UK



Sounds / Sons / Klänge [www.fiammcomponents.com/Horns](http://www.fiammcomponents.com/Horns)

**ELECTRONIC EMERGENCY HORNS**  
**AVERTISSEURS ÉLECTRONIQUES**  
**ELEKTRONISCHE HUPEN**

Voltage Tension Spannung	Amp. Draw Consummation Stromaufnahme	Compressed air source	Country Pays Land	Minimum Order Quantity	Packaging
V	A				



Type approval  
 Homologation  
 Zulassung  
 Reg.10/National homologation if required

Flame Retardant ABS  
 Brass

PS20 - AMB/POMP - I COD. 951082 KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	Italy	4	14
PS20 - AMB/POMP - I COD. 951083 KIT OF MODULE + 2 ELECTROVALVES	24	0.7	On-Board air system Dedicated compressor	Italy	4	14
PS20 - EMER - D COD. 951084 KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	4	14
PS20 - EMER - D COD. 951085 KIT OF MODULE + 2 ELECTROVALVES	24	0.7	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	4	14
PS20 - FEUER - A COD. 951087 KIT OF MODULE + 3 ELECTROVALVES	12	1.5	Dedicated compressor	Austria	4	14
PS20 - FEUER - A COD. 951088 KIT OF MODULE + 3 ELECTROVALVES	24	0.7	Dedicated compressor	Austria	4	14
PS20 - FEUER - A COD. 951086 KIT OF MODULE + 2 ELECTROVALVES	24	0.7	On-Board air system	Austria	4	14
PS20 - HI-LO COD. 951079 KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	4	14
PS20 - HI-LO COD. 951080 KIT OF MODULE + 2 ELECTROVALVES	24	0.7	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	4	14

# Trumpets

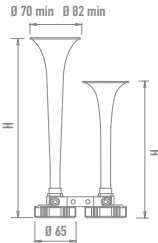
The trumpets on the MC4 and PS20 Systems, thanks to the chrome and coated versions, are easily installed both inside and outside vehicles. The frequency range covers various national standards. The 4-tone version offers maximum audibility and a pleasant sound.

Les trompes des systèmes MC4 et PS20 grâce aux versions chromées et peintes s'installent facilement aussi bien à l'intérieur qu'à l'extérieur du véhicule. La gamme de fréquences répond aux différentes normes nationales. La version à 4 trompes et tons représente le maximum d'audibilité et du plaisir du son.

Die Hörner der MC4- und PS20-Systeme lassen sich dank ihrer Ausführung aus Chrom und Lack problemlos im Innen und außen am Fahrzeug installieren. Der Frequenzbereich deckt die unterschiedlichen nationalen Vorschriften. Die 4-Ton-Version bietet maximale Hörsamkeit und einen angenehmen Klang.

**TRUMPETS**  
TROMPES  
HÖRNER

Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Country Pays Land	H	Minimum Order Quantity	Packaging
dB(A) 2m	Hz		mm	u.	



Metal

<b>TA/2 906-C+SPOILER</b> <b>COD. 920393</b> SET OF 2 TRUMPETS		117      L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
<b>TA/2 906-V+SPOILER</b> <b>COD. 920392</b> SET OF 2 TRUMPETS		117      L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
<b>TA/2 BL-V</b> <b>COD. 920396</b> SET OF 2 TRUMPETS		117      L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
<b>TA/2 BL-C</b> <b>COD. 920629</b> SET OF 2 TRUMPETS		117      L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
<b>TA/2 DE-B</b> <b>COD. 920397</b> SET OF 2 TRUMPETS		117      L = 392 H = 523	Austria	329 262	8	H1
<b>TA/2 GA-V</b> <b>COD. 920615</b> SET OF 2 TRUMPETS		117      L = 494 H = 660	Netherlands	274 199	8	H1
<b>TA/2 GB-V</b> <b>COD. 920616</b> SET OF 2 TRUMPETS		117      L = 440 H = 587	Netherlands	297 239	8	H1
<b>TA/2 LE-V</b> <b>COD. 920400</b> SET OF 2 TRUMPETS		117      L = 466 H = 544	Spain	286 251	8	H1
<b>TA/2 VA-V+SPOILER</b> <b>COD. 920395</b> SET OF 2 TRUMPETS		117      L = 392 H = 660	Italy	329 199	8	H1
<b>TA/4 906-C+SPOILER</b> <b>COD. 920394</b> SET OF 4 TRUMPETS		117      L = 435 - 450 H = 580 - 600	Germany International Austria (Amb)	297 - 289 223 - 214	4	H2

# Emergency

## Police Forces



**FIAMM**  
Acoustic Devices



		Sound Power	Dimension	Lifespan		
<b>ELECTRONIC SYSTEMS</b>	Acoustic system for continuous service, composed by an electronic control unit and a set of loudspeaker	●●●	●	●●●	<b>PS10 System</b>	92
<b>ELECTROPNEUMATIC SYSTEMS</b>	Acoustic system composed by a compressor and a set of trumpets	●●●	●●●	●●●	<b>MC4 System</b>	94
<b>PNEUMATIC SYSTEMS</b>	Acoustic system composed by an electronic control unit and a set of trumpets	●●●	●	●●●	<b>PS20 System</b>	98

# PS10 System

Electronic priority emergency horn for continuous service, ensuring a powerful, clean sound. Systems equipped with a control unit with degree of protection IP67 and Loudspeaker IP 66. The PS10 system, thanks to its flexibility, complies with national standard requirements and can produce several sounds and is therefore easily customisable.

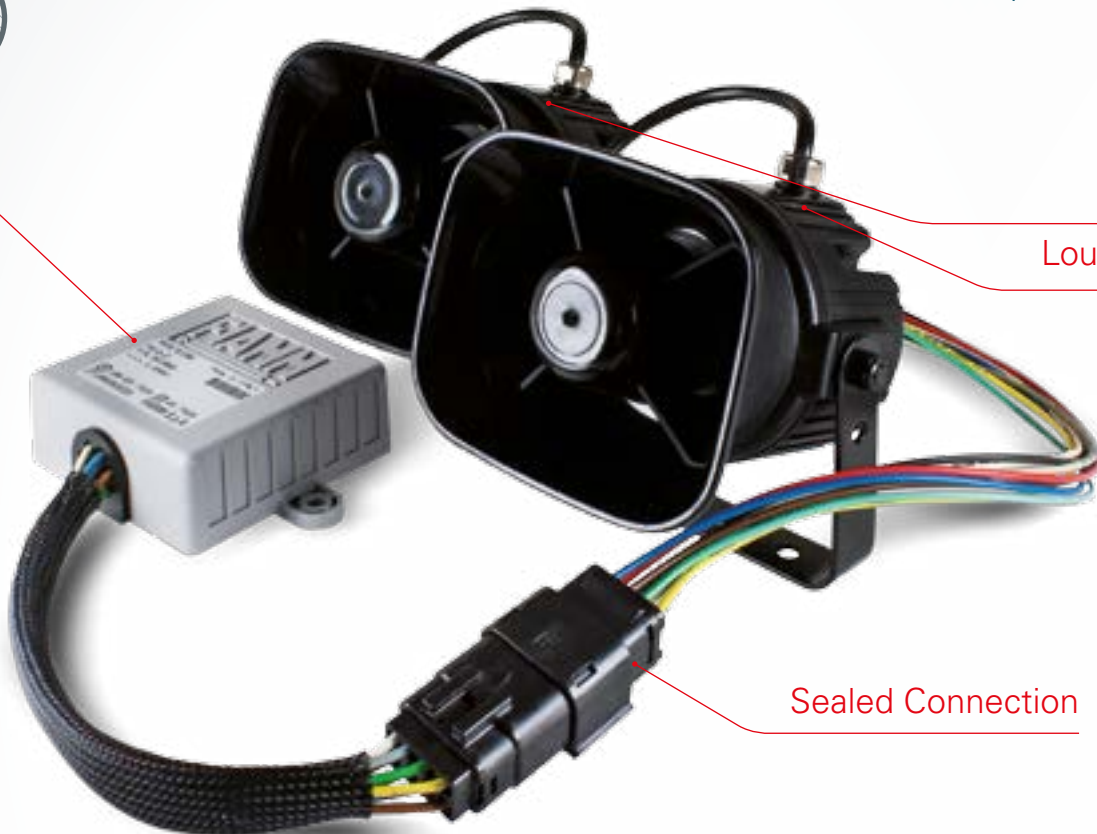
Avertisseur prioritaire électronique pour service continu qui garantit un son puissant et net. Système pourvu de centrale avec degré de protection IP67 et de haut-parleurs IP 66. Le système PS10, grâce à sa flexibilité, répond aux normes nationales exigées et peut produire plusieurs sons, c'est pourquoi il est facilement adaptable.

Bevorrechtigte elektronische Hupe für den Dauerbetrieb. Sie garantiert einen starken und sauberen Klang. System mit Steuereinheit, Schutzgrad IP67 und Lautsprechern IP66. Das System PS10 entspricht dank seiner Flexibilität den national geforderten Richtlinien und kann mehrere Klänge erzeugen, weshalb es sich leicht der jeweiligen Anwendung anpassen lässt.

IP67

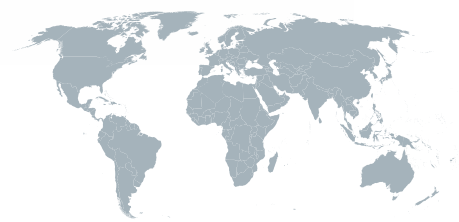
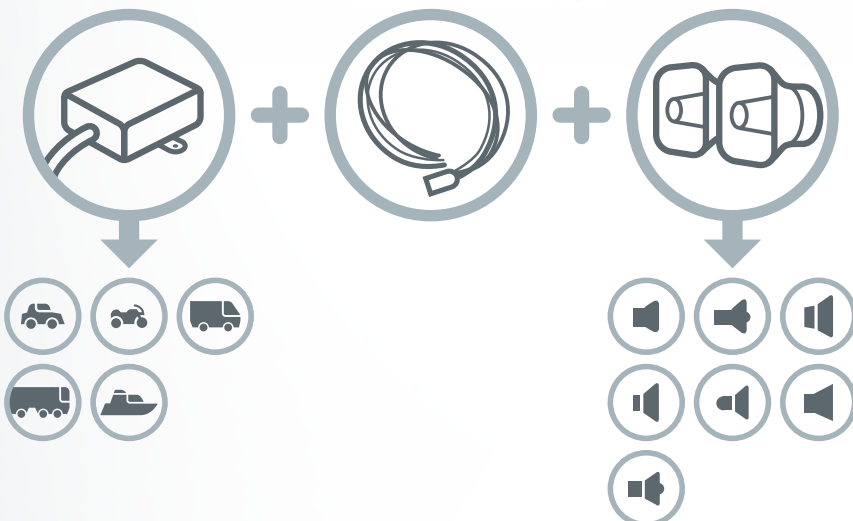


PS10  
12V • 24V



Loudspeaker

Sealed Connection



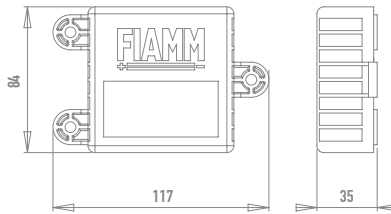
INTERNATIONAL Hi-Lo  
AMERICAN SOUND Wail / Yelp  
FRANCE  
ITALY  
GERMANY  
AUSTRIA  
SWITZERLAND  
NETHERLANDS  
UK  
IBEROAMERICA



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**ELECTRONIC EMERGENCY HORNS**  
 AVERTISSEURS ÉLECTRONIQUES  
 ELEKTRONISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Frequency Fréquence Frequenz	Option	Country Pays Land	Minimum Order Quantity	Packaging
V	A	Hz			u.	



Type approval  
 Homologation  
 Zulassung

Reg.10/National homologation if required

Flame retardant  
 PBT

PS10 - EMER-D COD. 951060	12 24	3,5 1,75	L = 430 H = 570	Stadt/Land	Germany Switzerland	8	S
PS10 - GEN-F COD. 951007	12 24	3,5 1,75	L = 435 H = 732	-	France	8	S
PS10 - POL-F COD. 951008	12 24	3,5 1,75	L = 435 H = 580	Jour/Nuit	France	8	S
PS10 - EMER- N COD. 951028	12 24	3,5 1,75	L = 375 H = 500	Fast/Slow	Netherlands	8	S
PS10-EMER-N SLOW COD. 951089	12 24	3,5 1,75	L = 360 H = 480	Fast/Slow	Netherlands	8	S
PS10 - POL-I COD. 951013	12 24	3,5 1,75	L = 466 H = 622	-	Italy	8	S
PS10 - EMER-UK COD. 951035	12 24	3,5 1,75	L = 440 H = 495	-	United Kingdom	8	S
PS10 - EMER-WY-UK COD. 951034	12 24	3,5 1,75	L = 440 H = 495	Wail/Yelp	United Kingdom	8	S
PS10 - USSOUND COD. 951061 WAIL/YELP	12 24	3,5 1,75	L = 430 H = 570	-	Iberoamérica	8	S
PS10 - USSOUND-WY COD. 951063 HI-LO	12 24	3,5 1,75	L = 560 H = 650	Wail/Yelp	International USA	8	S

# Loudspeakers

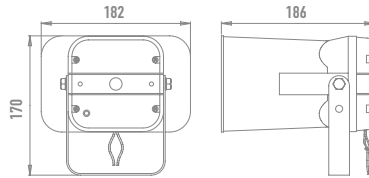
The PS10 system offers 7 different types of loudspeakers to permit the best installation suitable for different needs. There are loudspeakers in ferrite and neodymium, available in various dimensions for internal or external vehicle installation.

Le système PS10 dispose de 7 typologies de haut-parleurs différentes, afin de permettre une installation adaptée aux diverses exigences. Il y a des haut-parleurs en ferrite et en néodyme, disponibles dans différentes dimensions pour des installations internes ou externes au véhicule.

Das System PS10 verfügt über 7 unterschiedliche Lautsprechertypen, um eine den verschiedenen Anforderungen entsprechende Installation zu ermöglichen. Es gibt Lautsprecher aus Ferrit und aus Neodym, die in verschiedenen Größen zur Installation im Innen oder außen am Fahrzeug erhältlich sind.

## LOUDSPEAKERS HAUT-PARLEURS LAUTSPRECHER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
V	dB(A) 2m	W	W	Ohm	u.	



LOUDSPEAKER -FB  
COD. 951051



12  
24

115

25

40

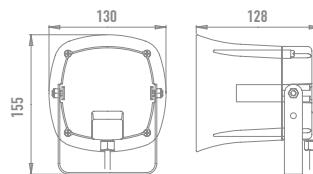
4

8

F12

Degree of protection: **IP56**

ABS/ Ferrite Magnet



LOUDSPEAKER -FM  
COD. 951052



12  
24

114

25

40

4

8

G8

Degree of protection: **IP66**

LOUDSPEAKER -FMW  
COD. 951077  
UV PROTECTION



12  
24

114

25

40

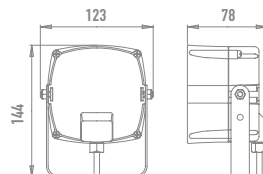
4

8

G8

Degree of protection: **IP66**

ABS/ Ferrite Magnet



LOUDSPEAKER -FS  
COD. 951053



12  
24

113

25

40

4

8

G8

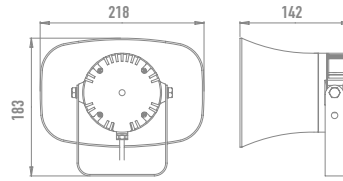
Degree of protection: **IP66**

ABS/ Ferrite Magnet



**LOUDSPEAKERS**  
HAUT-PARLEURS  
LAUTSPRECHER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
V	dB(A) 2m	W	W	Ohm	u.	



LOUDSPEAKER -NB  
COD. 951054

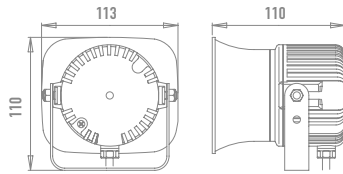


12	117	50	70	4	8	F12
24						



ABS/ Neodymium Magnet

Degree of protection: **IP66**



LOUDSPEAKER -NSC  
COD. 951055

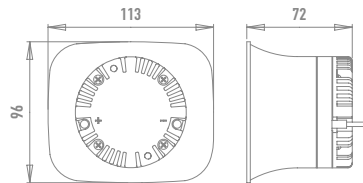


12	113	20	30	4	8	G5
24						



ABS/ Neodymium Magnet

Degree of protection: **IP66**



LOUDSPEAKER -NS  
COD. 951056

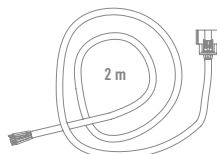


12	113	20	30	4	4	G9
24						



ABS/ Neodymium Magnet

Degree of protection: **IP66**



CONNECTION CABLE PS10  
COD. 951057

Degree of protection: <b>IP67</b>				4	4	19
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ABS

# MC4 System

High power, directional electropneumatic emergency horn systems to be used as primary signals on temporary exit vehicles or as secondary signals to successfully overcome difficult traffic situations or for dangerous crossroads.

Système d'avertisseur électropneumatique, son puissant et directionnel utilisable ponctuellement ou comme avertisseur secondaire pour affronter en toute sécurité les situations de circulation difficiles.

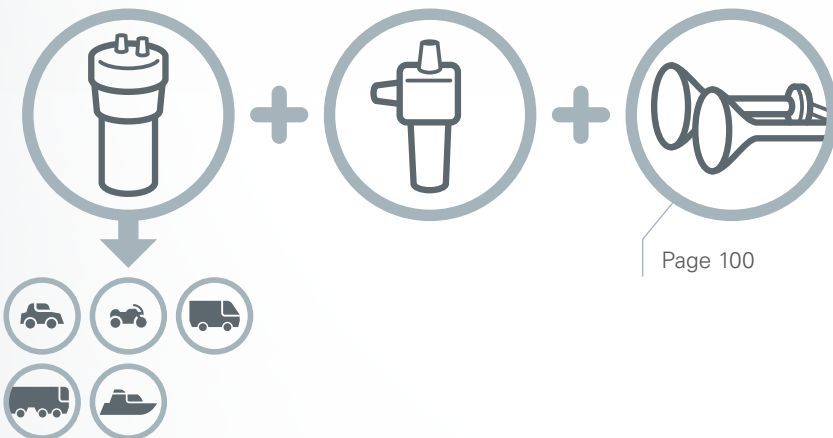
Elektropneumatische Signaleinrichtung mit starkem und gerichtetem Klang. Als erste Signaleinrichtung in Fahrzeugen, die zeitweise ausfahren, oder als sekundäre Signaleinrichtung für die sichere Überwindung schwieriger Verkehrssituationen oder gefährlicher Kreuzungen einsetzbar.



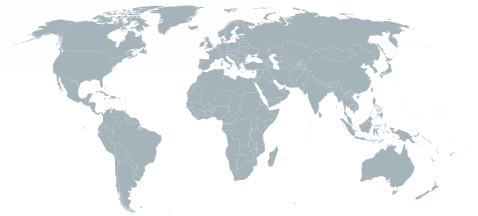
Trumpets

Compressor  
12V • 24V

Lubricator



Page 100



## INTERNATIONAL Hi-Lo

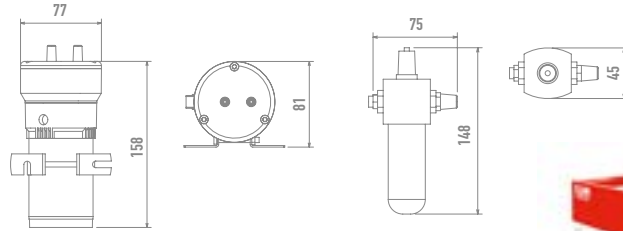
ITALY  
GERMANY  
AUSTRIA  
SPAIN  
SWITZERLAND  
NETHERLANDS  
UK



Sounds / Sons / Klänge [www.fiammcomponents.com/Horns](http://www.fiammcomponents.com/Horns)

**COMPRESSORS**  
COMPRESSEURS  
GEBLÄSE

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Country Pays Land	Type approval Omologation Zulassung	Minimum Order Quantity	Packaging
V	A			F	



Steel/Aluminium

MC4 FD 12V + LUBRICATOR COD. 921116	>	12	17	Germany - Spain Austria (Amb) Switzerland	National/ Reg.10	4	I11
MC4 FD 24V + LUBRICATOR COD. 921117	>	24	8	Germany - Spain Austria (Amb) Switzerland	National/ Reg.10	4	I11
MC4 FDS 12V + LUBRICATOR COD. 921084	>	12	17	Italy	National/ Reg.10	4	I11
MC4 FI 12V + LUBRICATOR COD. 921123	>	12	17	United Kingdom International Hi-Lo Belgium	Reg. 10 ECE	4	I11
MC4 FI 24V + LUBRICATOR COD. 921124	>	24	8	United Kingdom International Hi-Lo Belgium	Reg. 10 ECE	4	I11

# PS20 System

Through its powerful and directional sound, the priority system PS20 maximises security and sound localisation of emergency vehicles. A pneumatic horn guided by an electronic module for continuous service, that guarantees a high duration.

Le système prioritaire PS20 maximise la sécurité et la localisation du son des véhicules prioritaires. Il s'agit d'un avertisseur pneumatique guidé par un module électronique pour service continu, qui garantit une durée élevée.

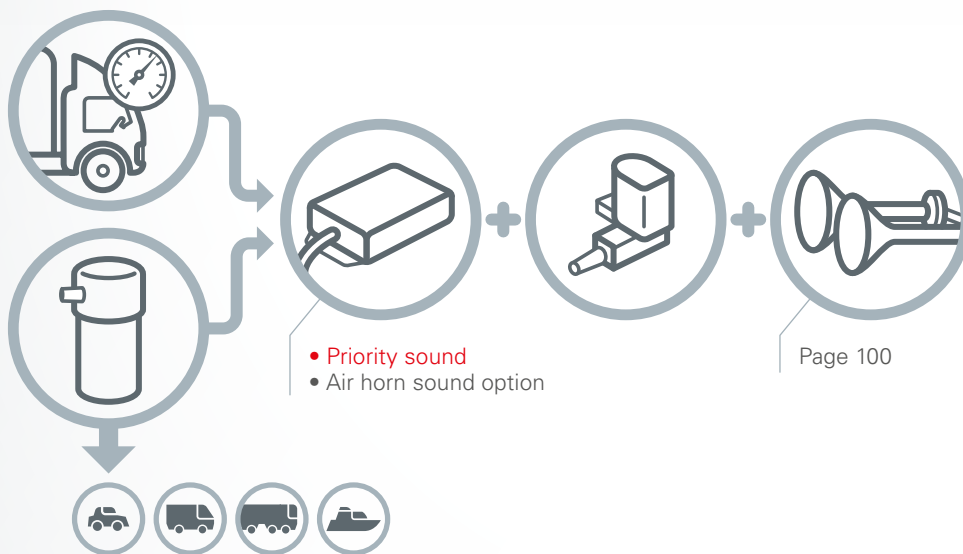
Das bevorrechtigte System PS20 maximiert durch ihren starken und gerichteten Klang die Sicherheit und die Schalllokalisierung der Notdienstfahrzeuge. Pneumatische, von einem elektronischen Modul geführte Hupe für den Dauerbetrieb mit erhöhter Dauer.



Trumpets

Electrovalves  
12V • 24V

PS20  
12V • 24V



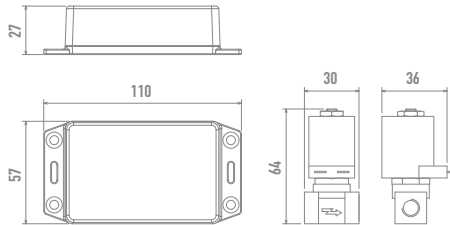
**INTERNATIONAL Hi-Lo**  
 ITALY  
 GERMANY  
 AUSTRIA  
 SWITZERLAND  
 BELGIUM  
 SPAIN  
 UK



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**ELECTRONIC EMERGENCY HORNS**  
**AVERTISSEURS ÉLECTRONIQUES**  
**ELEKTRONISCHE HUPEN**

Voltage Tension Spannung	Amp. Draw Consummation Stromaufnahme	Compressed air source	Country Pays Land	Minimum Order Quantity	Packaging
V	A				



Type approval  
 Homologation  
 Zulassung  
 Reg.10/National homologation if required

Flame Retardant ABS  
 Brass

PS20 - EMER - D <b>COD. 951084</b> KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	4	14
PS20 - EMER - D <b>COD. 951085</b> KIT OF MODULE + 2 ELECTROVALVES	24	0.7	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	4	14
PS20 - HI-LO <b>COD. 951079</b> KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	4	14
PS20 - HI-LO <b>COD. 951080</b> KIT OF MODULE + 2 ELECTROVALVES	24	0.7	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	4	14
PS20 - POL - I <b>COD. 951081</b> KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	Italy	4	14

# Trumpets

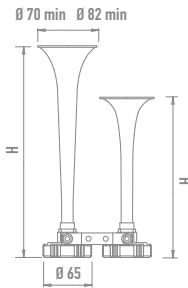
The trumpets on the MC4 and PS20 Systems, thanks to the chrome and coated versions, are easily installed both inside and outside vehicles. The frequency range covers various national standards. The 4-tone version offers maximum audibility and a pleasant sound.

Les trompes des systèmes MC4 et PS20 grâce aux versions chromées et peintes s'installent facilement aussi bien à l'intérieur qu'à l'extérieur du véhicule. La gamme de fréquences répond aux différentes normes nationales. La version à 4 trompes et tons représente le maximum d'audibilité et du plaisir du son.

Die Hörner der MC4- und PS20-Systeme lassen sich dank ihrer Ausführung aus Chrom und Lack problemlos im Innen und außen am Fahrzeug installieren. Der Frequenzbereich deckt die unterschiedlichen nationalen Vorschriften. Die 4-Ton-Version bietet maximale Hörsamkeit und einen angenehmen Klang.

**TRUMPETS**  
TROMPES  
HÖRNER

Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Country Pays Land	H	Minimum Order Quantity	Packaging
dB(A) 2m	Hz		mm	u.	



Metal

<b>TA/2 906-C+SPOILER</b> <b>COD. 920393</b> SET OF 2 TRUMPETS		117      L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
<b>TA/2 906-V+SPOILER</b> <b>COD. 920392</b> SET OF 2 TRUMPETS		117      L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
<b>TA/2 BL-V</b> <b>COD. 920396</b> SET OF 2 TRUMPETS		117      L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
<b>TA/2 BL-C</b> <b>COD. 920629</b> SET OF 2 TRUMPETS		117      L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
<b>TA/2 LE-V</b> <b>COD. 920400</b> SET OF 2 TRUMPETS		117      L = 466 H = 544	Spain	286 251	8	H1
<b>TA/4 906-C+SPOILER</b> <b>COD. 920394</b> SET OF 4 TRUMPETS		117      L = 435 - 450 H = 580 - 600	Germany International Austria (Amb)	297 - 289 223 - 214	4	H2
<b>TA/4 NL-C+SPOILER</b> <b>COD. 920647</b> SET OF 4 TRUMPETS		117      L = 375 - 400 H = 485 - 500	Netherlands	275 - 283 374 - 389	3	F3
<b>SPOILER TA</b> <b>COD. 920618</b> ONLY SPOILER		-      -	All	-	8	S5

# Emergency

## Ambulances



**FIAMM**  
Acoustic Devices



		Sound Power	Dimension	Lifespan		
<b>ELECTRONIC SYSTEMS</b>	Acoustic system for continuous service, composed by an electronic control unit and a set of loudspeaker	●●●	●	●●●	<b>PS10 System</b>	<b>102</b>
<b>ELECTROPNEUMATIC SYSTEMS</b>	Acoustic system composed by a compressor and a set of trumpets	●●●	●●●	●●●	<b>MC4 System</b>	<b>106</b>
<b>PNEUMATIC SYSTEMS</b>	Acoustic system composed by an electronic control unit and a set of trumpets	●●●	●	●●●	<b>PS20 System</b>	<b>108</b>

# PS10 System

Electronic priority emergency horn for continuous service, ensuring a powerful, clean sound. Systems equipped with a control unit with degree of protection IP67 and Loudspeaker IP 66. The PS10 system, thanks to its flexibility, complies with national standard requirements and can produce several sounds and is therefore easily customisable.

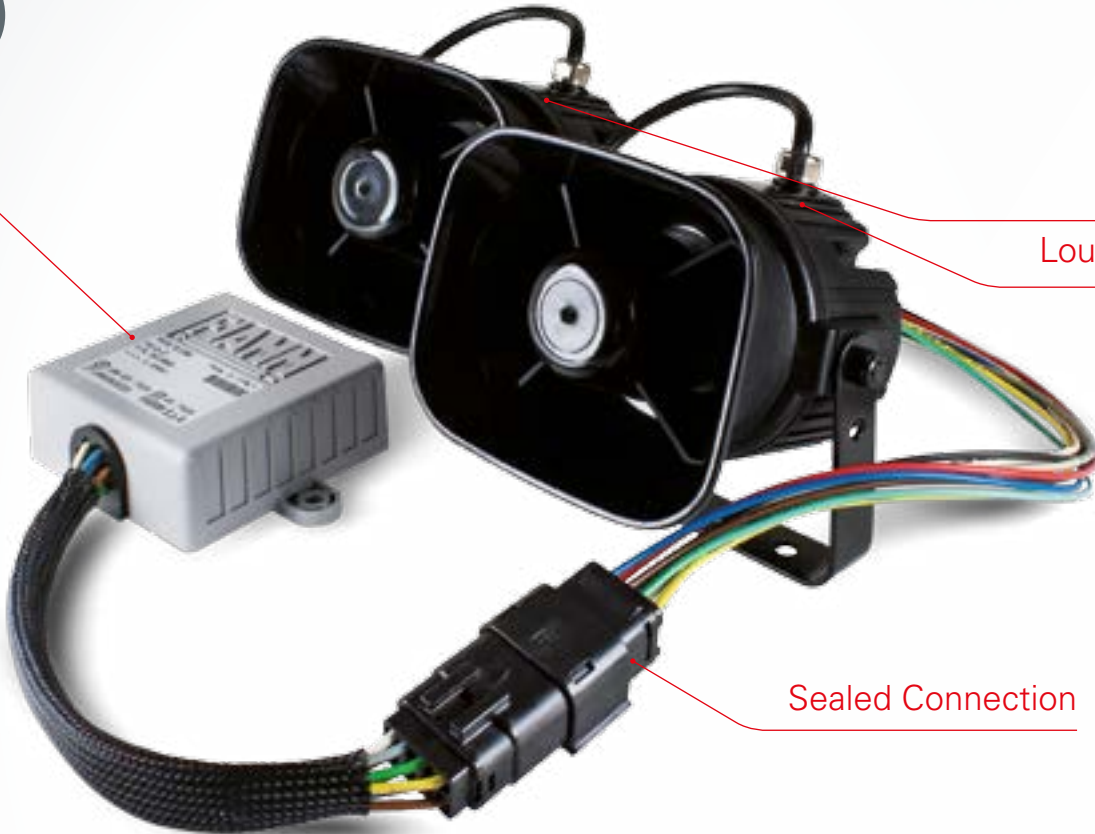
Avertisseur prioritaire électronique pour service continu qui garantit un son puissant et net. Système pourvu de centrale avec degré de protection IP67 et de haut-parleurs IP 66. Le système PS10, grâce à sa flexibilité, répond aux normes nationales exigées et peut produire plusieurs sons, c'est pourquoi il est facilement adaptable.

Bevorrechtigte elektronische Hupe für den Dauerbetrieb. Sie garantiert einen starken und sauberen Klang. System mit Steuereinheit, Schutzgrad IP67 und Lautsprechern IP66. Das System PS10 entspricht dank seiner Flexibilität den national geforderten Richtlinien und kann mehrere Klänge erzeugen, weshalb es sich leicht der jeweiligen Anwendung anpassen lässt.

IP67

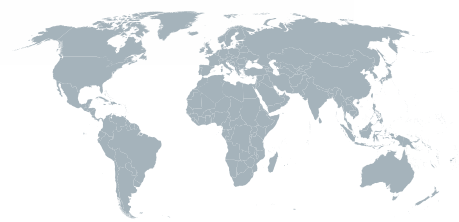
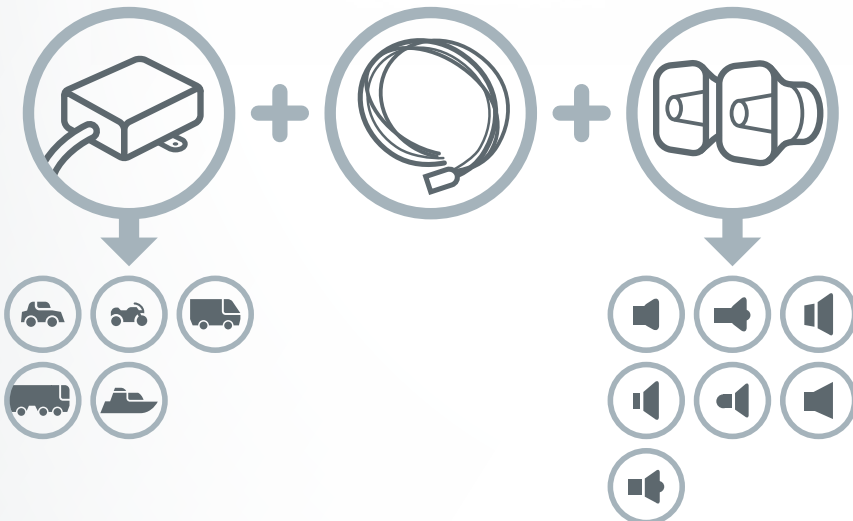


PS10  
12V • 24V



Loudspeaker

Sealed Connection



INTERNATIONAL Hi-Lo  
AMERICAN SOUND Wail / Yelp  
FRANCE  
ITALY  
GERMANY  
AUSTRIA  
SWITZERLAND  
NETHERLANDS  
UK  
IBEROAMERICA

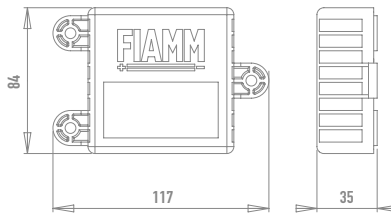


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**ELECTRONIC EMERGENCY HORNS**  
**AVERTISSEURS ÉLECTRONIQUES**  
**ELEKTRONISCHE HUPEN**

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Frequency Fréquence Frequenz	Option	Country Pays Land	Minimum Order Quantity	Packaging
V	A	Hz			u.	



Type approval  
Homologation  
Zulassung

Reg.10/National homologation if required

Flame retardant  
PBT



PS10 - EMER-D COD. 951060	12 24	3,5 1,75	L = 430 H = 570	Stadt/Land	Germany Switzerland	8	S
PS10 - AMB-A COD. 951046	12 24	3,5 1,75	L = 450 H = 600	-	Austria	8	S
PS10 - AMB-POMP-I COD. 951001	12 24	3,5 1,75	L = 392 H = 660	-	Italy	8	S
PS10 - AMB-POMP-WY-I COD. 951062	12 24	3,5 1,75	L = 392 H = 523	Wail/Yelp	Italy	8	S
PS10 - EMER-B COD. 951078	12 24	3,5 1,75	L = 440 H = 495	Day/Night	Belgium	8	S
PS10 - EMER- N COD. 951028	12 24	3,5 1,75	L = 375 H = 500	Fast/Slow	Netherlands	8	S
PS10-EMER-N SLOW COD. 951089	12 24	3,5 1,75	L = 360 H = 480	Fast/Slow	Netherlands	8	S
PS10 - EMER-UK COD. 951035	12 24	3,5 1,75	L = 440 H = 495	-	United Kingdom	8	S
PS10 - EMER-WY-UK COD. 951034	12 24	3,5 1,75	L = 440 H = 495	Wail/Yelp	United Kingdom	8	S
PS10 - AMB-F COD. 951004	12 24	3,5 1,75	L = 420 H = 516	-	France	8	S
PS10 - AMB-UMH-F COD. 951059	12 24	3,5 1,75	-	Ambulance UMH Jour/ Nuit	France	8	S
PS10 - UMH-F COD. 951006	12 24	3,5 1,75	L = 435 H = 651	Jour/Nuit	France	8	S
PS10 - USSOUND COD. 951061 WAIL/YELP	12 24	3,5 1,75	L = 430 H = 570	-	Iberoamérica	8	S
PS10 - USSOUND-WY COD. 951063 HI-LO	12 24	3,5 1,75	L = 560 H = 650	Wail/Yelp	International USA	8	S

# Loudspeakers

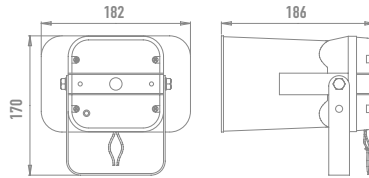
The PS10 system offers 7 different types of loudspeakers to permit the best installation suitable for different needs. There are loudspeakers in ferrite and neodymium, available in various dimensions for internal or external vehicle installation.

Le système PS10 dispose de 7 typologies de haut-parleurs différentes, afin de permettre une installation adaptée aux diverses exigences. Il y a des haut-parleurs en ferrite et en néodyme, disponibles dans différentes dimensions pour des installations internes ou externes au véhicule.

Das System PS10 verfügt über 7 unterschiedliche Lautsprechertypen, um eine den verschiedenen Anforderungen entsprechende Installation zu ermöglichen. Es gibt Lautsprecher aus Ferrit und aus Neodym, die in verschiedenen Größen zur Installation im Innen oder außen am Fahrzeug erhältlich sind.

## LOUDSPEAKERS HAUT-PARLEURS LAUTSPRECHER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
V	dB(A) 2m	W	W	Ohm	u.	



LOUDSPEAKER -FB  
COD. 951051



12  
24

115

25

40

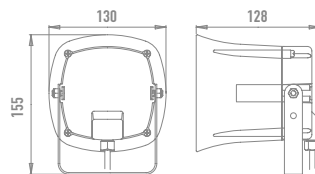
4

8

F12

Degree of protection: **IP56**

ABS/ Ferrite Magnet



LOUDSPEAKER -FM  
COD. 951052



12  
24

114

25

40

4

8

G8

Degree of protection: **IP66**

LOUDSPEAKER -FMW  
COD. 951077  
UV PROTECTION



12  
24

114

25

40

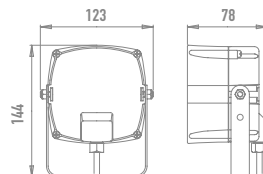
4

8

G8

Degree of protection: **IP66**

ABS/ Ferrite Magnet



LOUDSPEAKER -FS  
COD. 951053



12  
24

113

25

40

4

8

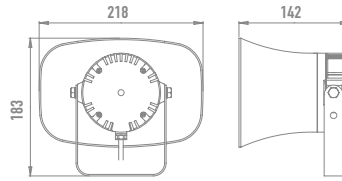
G8

Degree of protection: **IP66**

ABS/ Ferrite Magnet

**LOUDSPEAKERS**  
HAUT-PARLEURS  
LAUTSPRECHER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
V	dB(A) 2m	W	W	Ohm	u.	

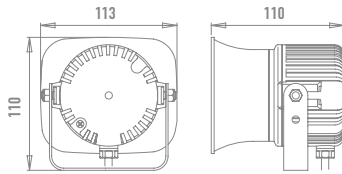


LOUDSPEAKER -NB  
COD. 951054



12 24	117	50	70	4	8	F12
						Degree of protection: <b>IP66</b>

ABS/ Neodymium Magnet

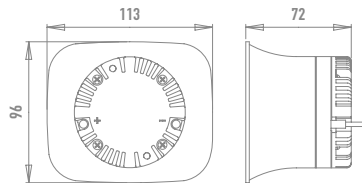


LOUDSPEAKER -NSC  
COD. 951055



12 24	113	20	30	4	8	G5
						Degree of protection: <b>IP66</b>

ABS/ Neodymium Magnet

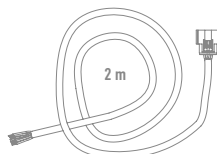


LOUDSPEAKER -NS  
COD. 951056



12 24	113	20	30	4	4	G9
						Degree of protection: <b>IP66</b>

ABS/ Neodymium Magnet



CONNECTION CABLE PS10  
COD. 951057

				4	4	19
						Degree of protection: <b>IP67</b>

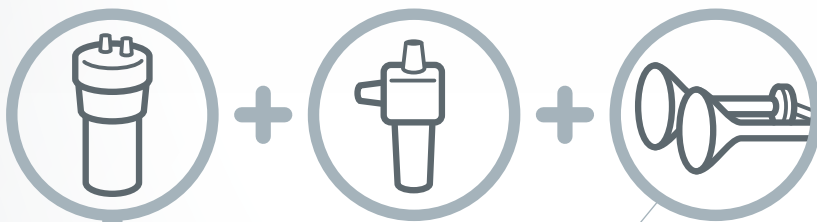
ABS

# MC4 System

High power, directional electropneumatic emergency horn systems to be used as primary signals on temporary exit vehicles or as secondary signals to successfully overcome difficult traffic situations or for dangerous crossroads.

Système d'avertisseur électropneumatique, son puissant et directionnel utilisable ponctuellement ou comme avertisseur secondaire pour affronter en toute sécurité les situations de circulation difficiles.

Elektropneumatische Signaleinrichtung mit starkem und gerichtetem Klang. Als erste Signaleinrichtung in Fahrzeugen, die zeitweise ausfahren, oder als sekundäre Signaleinrichtung für die sichere Überwindung schwieriger Verkehrssituationen oder gefährlicher Kreuzungen einsetzbar.



Page 110



## INTERNATIONAL Hi-Lo

- ITALY
- GERMANY
- AUSTRIA
- SPAIN
- SWITZERLAND
- NETHERLANDS
- UK



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**COMPRESSORS**  
COMPRESSEURS  
GEBLÄSE

**Voltage**  
Tension  
Spannung  
  
V

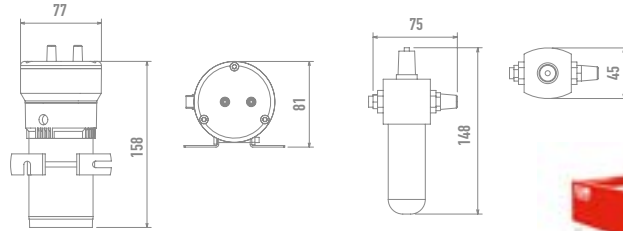
**Amp. Draw**  
Consommation  
Stromaufnahme  
  
A

**Country**  
Pays  
Land

**Type approval**  
Omologation  
Zulassung

**Minimum Order Quantity**

**Packaging**



Steel/Aluminium

MC4 FD 12V + LUBRICATOR COD. 921116	>	12	17	Germany - Spain Austria (Amb) Switzerland	National/ Reg.10	4	I11
MC4 FI 12V + LUBRICATOR COD. 921123	>	12	17	United Kingdom International Hi-Lo Belgium	Reg. 10 ECE	4	I11
MC4 FI 24V + LUBRICATOR COD. 921124	>	24	8	United Kingdom International Hi-Lo Belgium	Reg. 10 ECE	4	I11
MC4 FVA 12V + LUBRICATOR COD. 921077	>	12	17	Italy	National/ Reg.10	4	I11

# PS20 System

Through its powerful and directional sound, the priority system PS20 maximises security and sound localisation of emergency vehicles. A pneumatic horn guided by an electronic module for continuous service, that guarantees a high duration.

Le système prioritaire PS20 maximise la sécurité et la localisation du son des véhicules prioritaires. Il s'agit d'un avertisseur pneumatique guidé par un module électronique pour service continu, qui garantit une durée élevée.

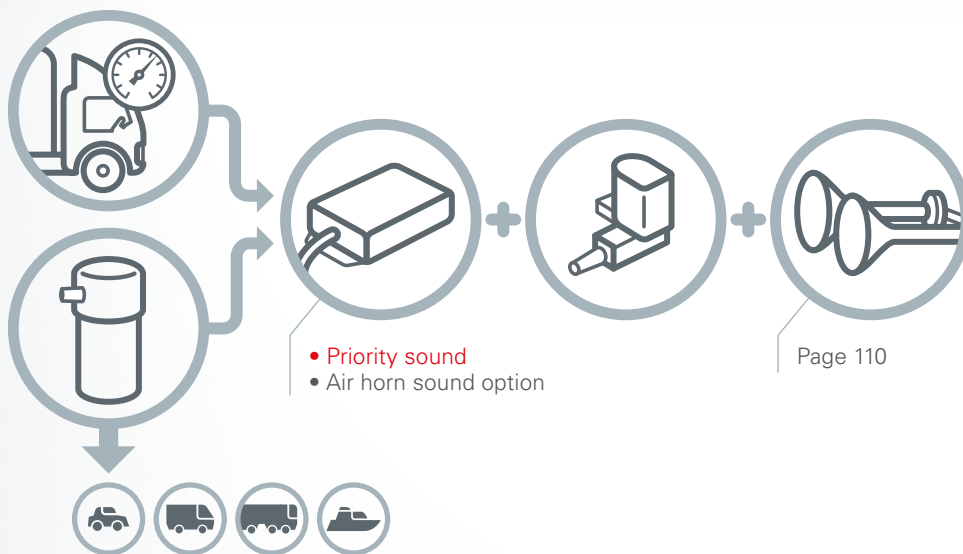
Das bevorrechtigte System PS20 maximiert durch ihren starken und gerichteten Klang die Sicherheit und die Schalllokalisierung der Notdienstfahrzeuge. Pneumatische, von einem elektronischen Modul geführte Hupe für den Dauerbetrieb mit erhöhter Dauer.



Trumpets

Electrovalves  
12V • 24V

PS20  
12V • 24V



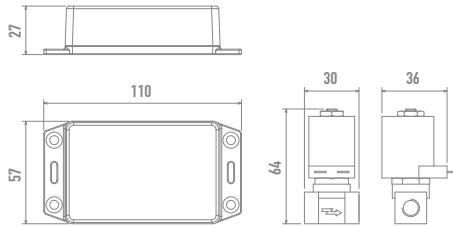
**INTERNATIONAL Hi-Lo**  
 ITALY  
 GERMANY  
 AUSTRIA  
 SWITZERLAND  
 BELGIUM  
 SPAIN  
 UK



Sounds / Sons / Klänge [www.fiammcomponents.com/Horns](http://www.fiammcomponents.com/Horns)

**ELECTRONIC EMERGENCY HORNS**  
 AVERTISSEURS ÉLECTRONIQUES  
 ELEKTRONISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consummation Stromaufnahme	Compressed air source	Country Pays Land	Minimum Order Quantity	Packaging
V	A				



Type approval  
 Homologation  
 Zulassung  
 Reg.10/National homologation if required

Flame Retardant ABS  
 Brass

Model	Code	Quantity	Amp. Draw	Compressed Air System	Country	Min. Qty	Packaging
PS20 - AMB/POMP - I KIT OF MODULE + 2 ELECTROVALVES	COD. 951082	12	1.5	On-Board air system Dedicated compressor	Italy	4	14
PS20 - EMER - D KIT OF MODULE + 2 ELECTROVALVES	COD. 951084	12	1.5	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	4	14
PS20 - HI-LO KIT OF MODULE + 2 ELECTROVALVES	COD. 951079	12	1.5	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	4	14
PS20 - HI-LO KIT OF MODULE + 2 ELECTROVALVES	COD. 951080	24	0.7	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	4	14

# Trumpets

The trumpets on the MC4 and PS20 Systems, thanks to the chrome and coated versions, are easily installed both inside and outside vehicles. The frequency range covers various national standards. The 4-tone version offers maximum audibility and a pleasant sound.

Les trompes des systèmes MC4 et PS20 grâce aux versions chromées et peintes s'installent facilement aussi bien à l'intérieur qu'à l'extérieur du véhicule. La gamme de fréquences répond aux différentes normes nationales. La version à 4 trompes et tons représente le maximum d'audibilité et du plaisir du son.

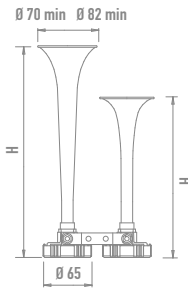
Die Hörner der MC4- und PS20-Systeme lassen sich dank ihrer Ausführung aus Chrom und Lack problemlos im Innen und außen am Fahrzeug installieren. Der Frequenzbereich deckt die unterschiedlichen nationalen Vorschriften. Die 4-Ton-Version bietet maximale Hörsamkeit und einen angenehmen Klang.

**TRUMPETS**  
TROMPES  
HÖRNER

Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Country Pays Land	H	Minimum Order Quantity	Packaging
dB(A) 2m	Hz		mm	u.	



Metal



<b>TA/2 906-C+SPOILER</b> <b>COD. 920393</b> SET OF 2 TRUMPETS		117      L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
<b>TA/2 906-V+SPOILER</b> <b>COD. 920392</b> SET OF 2 TRUMPETS		117      L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
<b>TA/2 BL-V</b> <b>COD. 920396</b> SET OF 2 TRUMPETS		117      L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
<b>TA/2 BL-C</b> <b>COD. 920629</b> SET OF 2 TRUMPETS		117      L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
<b>TA/2 LE-V</b> <b>COD. 920400</b> SET OF 2 TRUMPETS		117      L = 466 H = 544	Spain	286 251	8	H1
<b>TA/2 VA-V+SPOILER</b> <b>COD. 920395</b> SET OF 2 TRUMPETS		117      L = 392 H = 660	Italy	329 199	8	H1
<b>TA/4 906-C+SPOILER</b> <b>COD. 920394</b> SET OF 4 TRUMPETS		117      L = 435 - 450 H = 580 - 600	Germany International Austria (Amb)	297 - 289 223 - 214	4	H2
<b>TA/4 NL-C+SPOILER</b> <b>COD. 920647</b> SET OF 4 TRUMPETS		117      L = 375 - 400 H = 485 - 500	Netherlands	275 - 283 374 - 389	3	F3
<b>SPOILER TA</b> <b>COD. 920618</b> ONLY SPOILER		-      -	All	-	8	S5