



RFX8330

Installation Reference Sheet

**Páginas de Referencia para
la Instalación**

Schéma d'Installation

Installations Beiblatt

Istruzioni di Installation

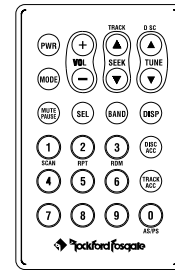


Rockford Fosgate®

RFX8330

AM / FM ST / CD Player / CD Changer Controller
Detachable Faceplate w/IR Remote

Specification
Reference
Sheet



Features

General

- **ISO Mountable** – 178mm x 50mm (trim ring removed)
- **Any Button Wake-Up**
- **Clock**
- **Switchable Loudness** – Enables bass response to be boosted at low listening levels
- **Green Illumination**
- **Internal Amplifier 25w RMS x 4**

Preamp

- **Low Source Impedance** – Enables multiple amplifiers to be driven without signal loss
- **6 Pre-Outs W/Adjustable Sub Level** - Front/Rear w/ Front/Rear summed out
- **Source Tone Memory** – Enables separate Bass and Treble memory for Radio/CD Player/CD Changer/AUX

- **Auxiliary Input** – Allows the source unit to play an additional audio source (VCR, video game, etc.) via RCA's

Tuner

- **MIR** – (Multipath Interference Rejection) Improves audio performance when radio reception is poor
- **World Wide Tuner** – American/Europe/Australia
- **30 Station Presets** – 12 AM/18 FM Presets
- **Auto Store** – Auto programming of all 30 presets
- **Programmable Station Titles** – Customizes the LCD to display name of radio station

Compact Disc

- **5.0 Hologram laser** – one piece laser with fewer parts
- **Dual 1 Bit D/A Converters w/8x Oversampling**
- **Digital Servo Control w/Auto Focus** – Adjusts to CD manufacturing tolerances for accurate tracking
- **Programmable Disc Titles** - Customizes LCD to display name of musical band or artist

Specifications

FM Tuner

Frequency Response	30Hz-12kHz
Usable Sensitivity.....	10dB(S/N 30dB)
IF Rejection.....	90dB
Image Rejection.....	50dB
Signal-to-Noise Ratio.....	60dB
Channel Separation.....	≥25dB@1KHz

CD Player

Usable Discs.....	5" and 3"
Frequency Response.....	20Hz-20kHz (±3dB)
Signal-to- Noise Ratio.....	>90dB
Channel Separation.....	86dB
Dynamic Range.....	100dB

AM Tuner

Sensitivity.....	20dBf max @ 10dB Sensitivity
-6dB Bandwidth.....	5KHz min-12 KHz max

General

Operating Voltage.....	+10.8 to +16V DC
Continuous Power Output.....	25 x 4 Watts
Dynamic Power Output.....	40 x 4 Watts
Pre-Out Voltage (vol. max).....	2.4 Vrms
Preamp Output Impedance.....	100Ω
Equalization.....	Bass: ± 10dB @ 60Hz Treble:± 8dB @ 15kHz

Overall Dimensions.....2-9/32"H x 7-13/32"W x 7-1/4"D (with trim-ring).....(58mm x 188mm x 183.7mm)

Nosepiece Dimensions...1-27/32"H x 6-3/4"W x 13/16"D (without trim-ring).....(46.5mm x 171.5mm x 20.2mm)

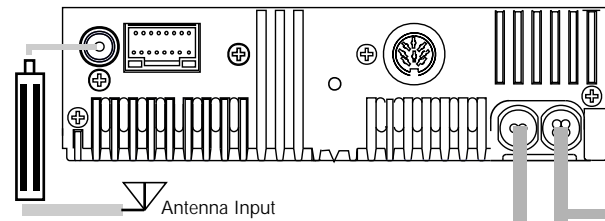
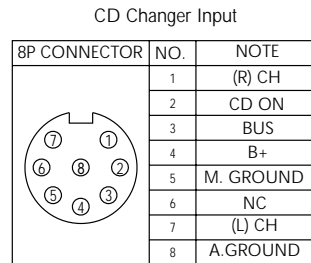
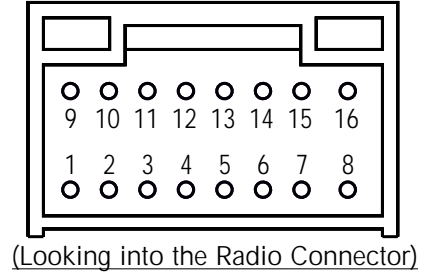
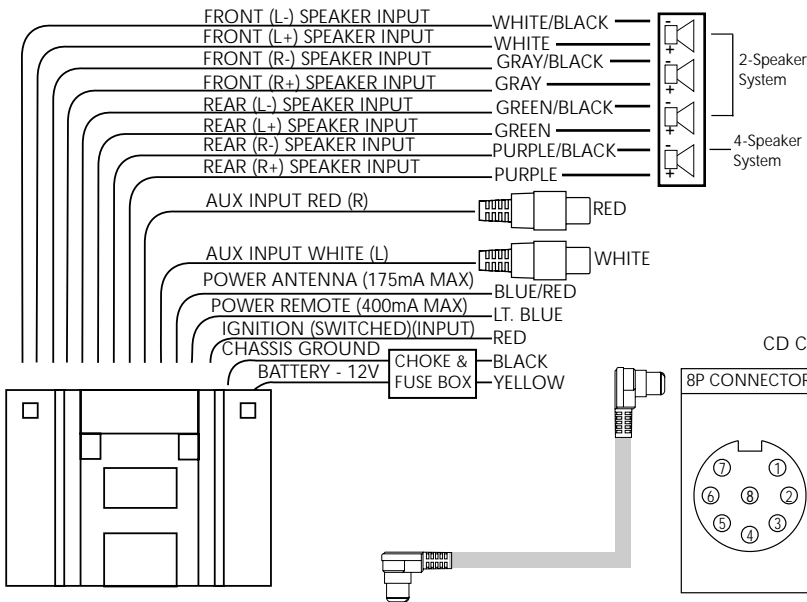
Weight.....3.20 lbs. (1452g)

IR Remote

Dimensions.....3-3/8"H x 2-1/8"W x 9/32"D (85.6mm x 54mm x 7mm)



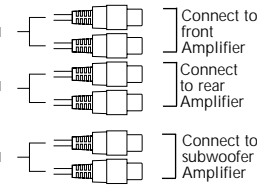
Specifications subject to change without notice



MAIN CONNECTOR CONNECTION (RFX8330)

PIN NO	DESCRIPTION
1	BATTERY + 12V (YELLOW)
2	CHASSIS GROUND (BLACK)
3	IGNITION + 12V RED
4	POWER REMOTE (LT. BLUE)
5	POWER ANTENNA (BLUE/RED)
6	AUX INPUT LEFT (WHITE)
7	AUX INPUT GROUND
8	AUX INPUT RIGHT (RED)
9	REAR (R-) (PURPLE)
10	REAR (R-) (PURPLE / BLACK)
11	REAR (L+) (GREEN)
12	REAR (L-) (GREEN/BLACK)
13	FRONT (R+) (GRAY)
14	FRONT (R-) (GRAY/BLACK)
15	FRONT (L+) (WHITE)
16	FRONT (L-) (WHITE/BLACK)

Pre-Amp Outputs



Pre-Amp Outputs

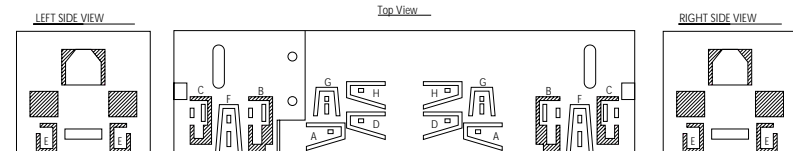
	RCA	COLOR
FRONT OUTPUT	LEFT	WHITE
	RIGHT	RED
REAR OUTPUT	LEFT	WHITE
	RIGHT	RED
SUM OUTPUT	LEFT	WHITE
	RIGHT	RED

INSTALLATION METHODS

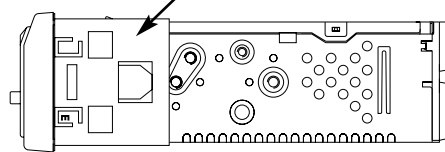
Standard Installation - Install the mounting sleeve in the instrument panel thickness (see chart). Secure the backstrap to the rear of the radio (use the supplied M5 x 6mm screw) and tighten the screw. Slide the radio into the mounting sleeve until it "clicks" into position. Replace the factory trim panel if used.

ISO-DIN Installation - Use the supplied screws (M5 x 6mm) to secure the factory mounting brackets into at least two holes on each side of the radio. Install the radio into the dash and tighten the brackets. Replace the factory trim panel.

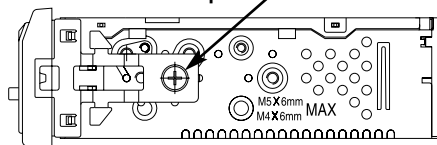
Instrument Panel Thickness	Tabs to Bend							
	A	B	C	D	E	F	G	H
1.2mm to 1.5mm					*	*		
1.2mm to 11.3mm						*		
2.0mm to 7.0mm	*					*		
2.9mm to 10.4mm		*				*		
5.2mm to 10.4mm			*			*		
6.3mm to 8.8mm				*		*		
14.0mm to 19.8mm							*	
18.3mm to 20.8mm								*



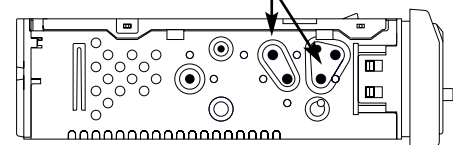
Mounting Sleeve

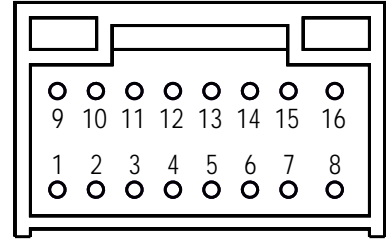
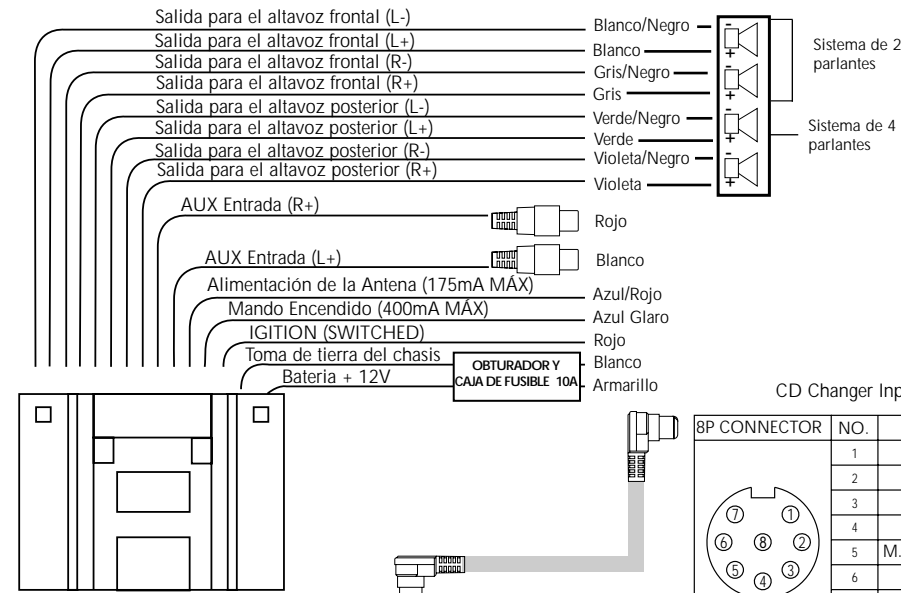


Sleeve Retaining Clip



Secure factory brackets to at least 2 holes

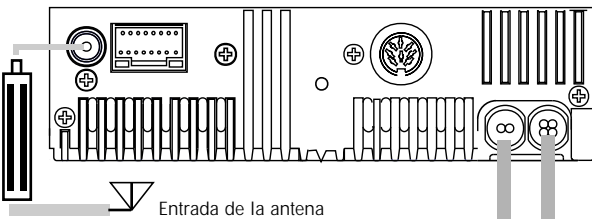




(Mirando hacia el Conector de la Radio)

CD Changer Input

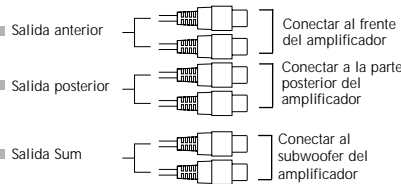
8P CONNECTOR	NO.	NOTE
1	1	(R) CH
2	2	CD ON
3	3	BUS
4	4	B+
5	5	M. GROUND
6	6	NC
7	7	(L) CH
8	8	A. GROUND



Conector de Alimentación (RFX8330)

PIN NO.	DESCRIPTION
1	Batería +12V (Amarillo)
2	Toma de tierra del chasis (Negro)
3	IGNITION + 12V (Rojo)
4	Mando Encendido(Azul Glaro)
5	Alimentación de la Antena (Azul/Rojo)
6	Aux Entrada Lt (Blanco)
7	Aux Entrada toma de tierra
8	Aux Entrada Rt (Rojo)
9	Posterior (R+) (Violeta)
10	Posterior (R-) (Violeta / Negro)
11	Posterior (L+) (Verde)
12	Posterior (L-) (Verde/Negro)
13	Frontal (R+) (Gris)
14	Frontal (R-) (Gris/Negro)
15	Frontal (L+) (Blanco)
16	Frontal (L-) (Blanco/Negro)

Salidas del preamplificador



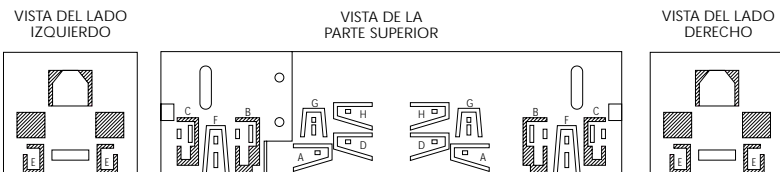
	RCA	COLOR
Salida anterior	izquierda	blanco
	derecha	rojo
Salida posterior	izquierda	blanco
	derecha	rojo
Salida Sum	izquierda	blanco
	derecha	rojo

MÉTODOS DE INSTALACIÓN:

Instalación común – Instale la manga de montaje en el espesor del panel de instrumentos (vea el recuadro). Asegure la correa posterior a la parte posterior de la radio (use el tornillo M5 x 6 mm incluido) y ajuste el tornillo. Deslice la radio en la manga de montaje hasta que se “enganche” en su posición. Cambie el panel de guarnición de fábrica si está usado.

Instalación ISO-DIN – Use los tornillos incluidos (M5 x 6mm) para asegurar los soportes de montaje de fábrica en por lo menos dos orificios a ambos lados de la radio. Instale la radio en el tablero y ajuste los soportes. Cambie el panel de guarnición de fábrica.

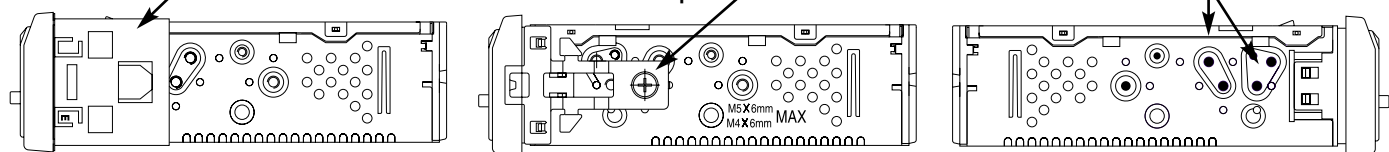
Espesor del panel	Orejetas a doblar							
	A	B	C	D	E	F	G	H
1.2mm to 1.5mm					*	*		
1.2mm to 11.3mm						*		
2.0mm to 7.0mm	*					*		
2.9mm to 10.4mm		*				*		
5.2mm to 10.4mm			*			*		
6.3mm to 8.8mm				*		*		
14.0mm to 19.8mm							*	
18.3mm to 20.8mm								*

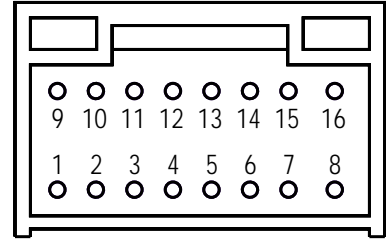
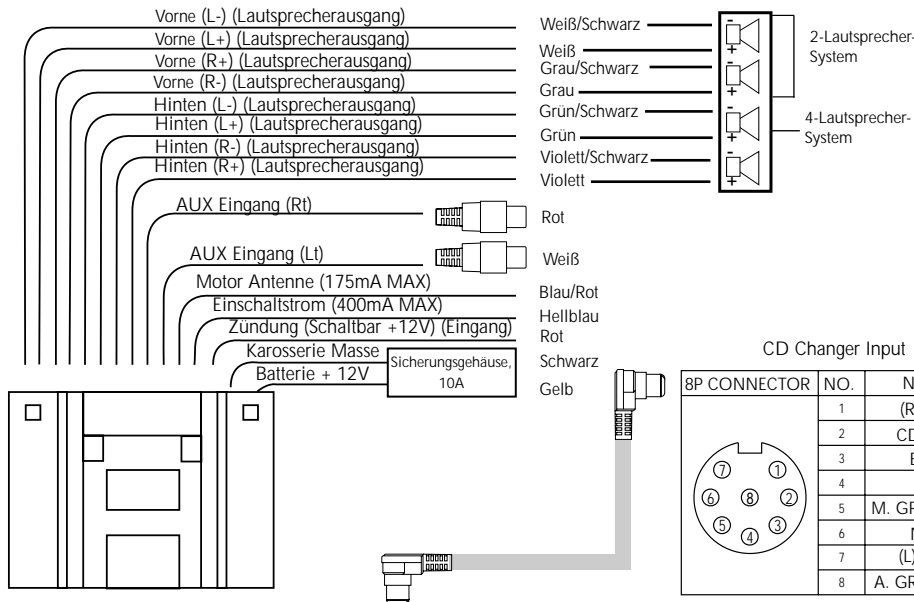


Mounting Sleeve

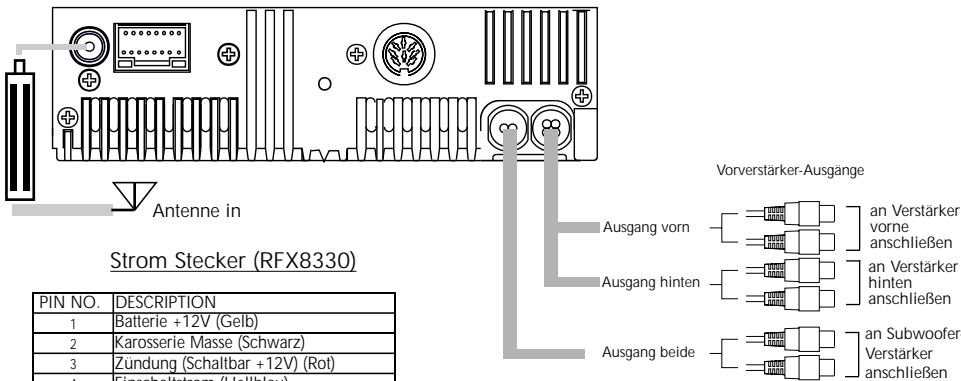
Sleeve Retaining Clip

Secure factory brackets to at least 2 holes





Blick in den Radio Anschluß



	RCA	FARBE
Ausgang vorn	links	weiß
	rechts	rot
Ausgang hinten	links	weiß
	rechts	rot
Ausgang beide	links	weiß
	rechts	rot

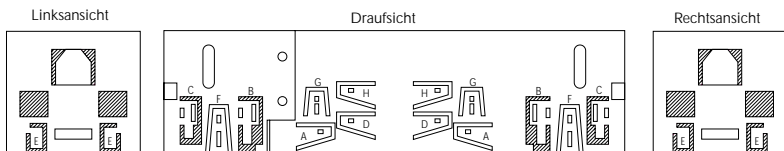
PIN NO.	DESCRIPTION
1	Batterie +12V (Gelb)
2	Karosserie Masse (Schwarz)
3	Zündung (Schaltbar +12V) (Rot)
4	Einschaltstrom (Hellblau)
5	Motor Antenne (Blau/Rot)
6	Aux Eingang (L+) (Weiß)
7	Aux Eingang Masse
8	Aux Eingang (R+) (Rot)
9	Hinten (R+) (Violett)
10	Hinten (R-) (Violett / Schwarz)
11	Hinten (L+) (Grün)
12	Hinten (L-) (Grün/Schwarz)
13	Vorne (R+) (Gru)
14	Vorne (R-) (Gru/Schwarz)
15	Vorne (L+) (Weiß)
16	Vorne (L-) (Blanc/Schwarz)

EINBAU-METHODEN

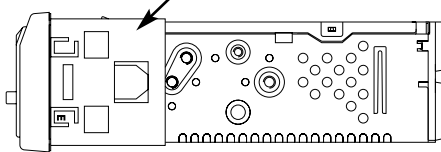
Standard-Einbau - Die Halterung im Armaturenbrett einbauen, Dicke der Armaturenbrett wand ablesen (siehe Tafel). Die Halterung an der dafür vorgesehenen Schlaufe oder Strebe hinten am Radio mit der mitgelieferten M5 x 6mm Schraube befestigen und festziehen. Das Autoradio in die Halterung schieben bis es in der richtigen Position einrastet (durch Klicken hörbar). Zierblende anbringen, falls die von der Fabrik mitgelieferte Blende benutzt wird.

ISO-DIN Einbau - Die mitgelieferten Schrauben (M5 x 6mm) verwenden, um die fabrikgemäßen Halterungskammern mindestens doppelt auf jeder Seite des Radios zu sichern, also jeweils in zwei Löcher zu schrauben. Radio in das Armaturenbrett einbauen und die Halterungsschrauben fest anziehen. Zierblende wieder anbringen.

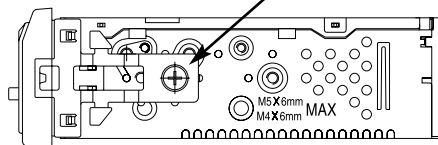
Dicke der Armaturenbrett wand	Anzahl von Metallzungen zum Herausbrechen							
	A	B	C	D	E	F	G	H
1.2mm to 1.5mm					*	*		
1.2mm to 11.3mm						*		
2.0mm to 7.0mm	*					*		
2.9mm to 10.4mm		*				*		
5.2mm to 10.4mm			*			*		
6.3mm to 8.8mm				*		*		
14.0mm to 19.8mm							*	
18.3mm to 20.8mm								*



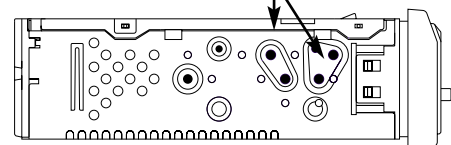
Mounting Sleeve

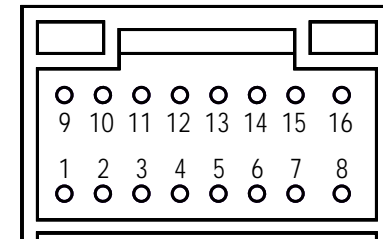
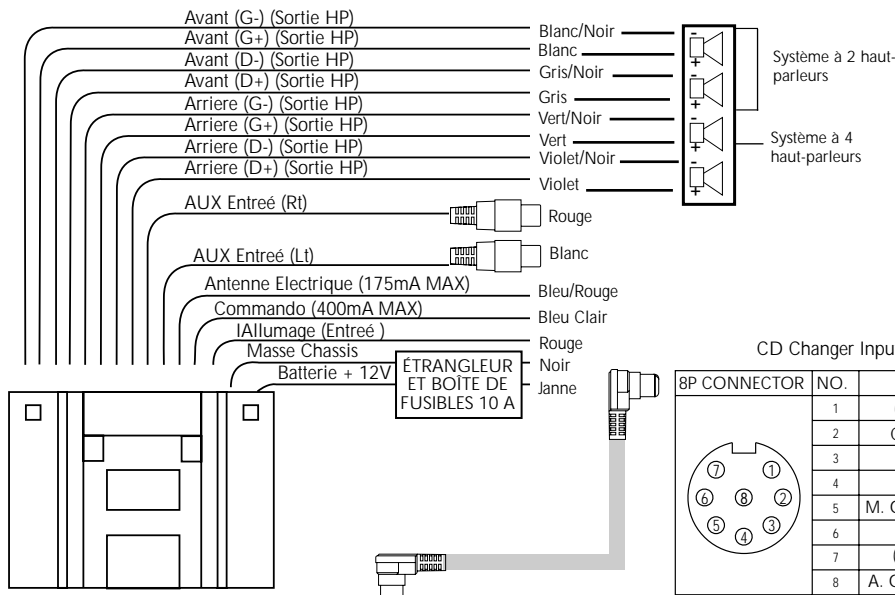


Sleeve Retaining Clip

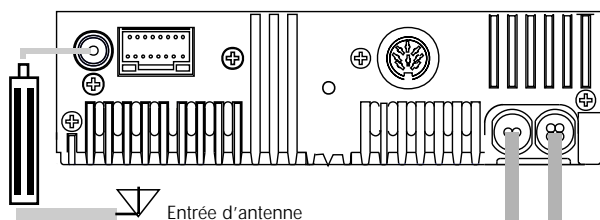


Secure factory brackets to at least 2 holes





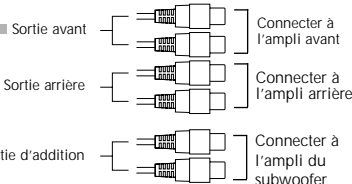
(Vue sur le connecteur de la radio)



Cablage HP/Alimentation (RFX8330)

PIN NO.	DESCRIPTION
1	Batterie +12V (Janne)
2	Masse Chassis (Noir)
3	Allumage + 12V (Rouge)
4	Commande (Bleu Clair)
5	Antenne Electrique (Bleu/Rouge)
6	Aux Entrée (L+) (Blanc)
7	Aux Entrée Masse
8	Aux Entrée R+(Rouge)
9	Arrière (D+) (Violet)
10	Arrière (D-) (Violet / Noir)
11	Arrière (G+) (Vert)
12	Arrière (G-) (Vert/Noir)
13	Avant (D+) (Gris)
14	Avant (D-) (Gris/Noir)
15	Avant (G+) (Blanc)
16	Avant (G-) (Blanc/Noir)

Sorties préampli



	RCA	COULEUR
Sortie avant	gauche	blanc
	droit	rouge
Sortie arrière	gauche	blanc
	droit	rouge
Sortie d'addition	gauche	blanc
	droit	rouge

MÉTHODES D'INSTALLATION

Installation standard – Installez le manchon de montage dans l'épaisseur du tableau de bord (voir tableau). Fixez la bride arrière à l'arrière de la radio (à l'aide de la vis MS x 6mm fournie) et serrez la vis. Glissez la radio dans le manchon de montage jusqu'à ce qu'elle fasse un déclic. Remplacez le panneau de garnissage le cas échéant.

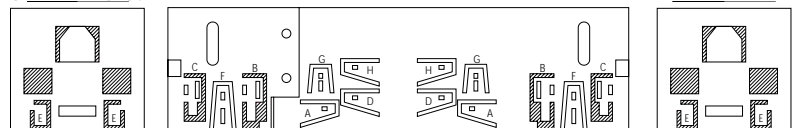
Installation ISO-DIN – Fixez les supports de montage en insérant les vis fournies (M5 x 6mm) de chaque côté de la radio (utilisez deux trous au moins). Placez la radio dans le tableau de bord et serrez les supports. Remplacez le panneau de garnissage

Épaisseur du tableau de bord	Languettes à recourber							
	A	B	C	D	E	F	G	H
1.2mm to 1.5mm					*	*		
1.2mm to 11.3mm						*	*	
2.0mm to 7.0mm	*					*	*	
2.9mm to 10.4mm		*				*	*	
5.2mm to 10.4mm			*			*	*	
6.3mm to 8.8mm				*		*	*	
14.0mm to 19.8mm							*	*
18.3mm to 20.8mm								*

VUE LATÉRALE GAUCHE

VUE DE HAUT

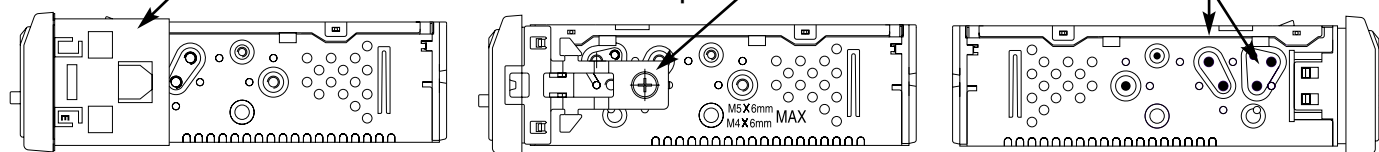
VUE LATÉRALE DROITE

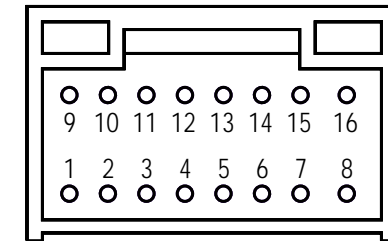
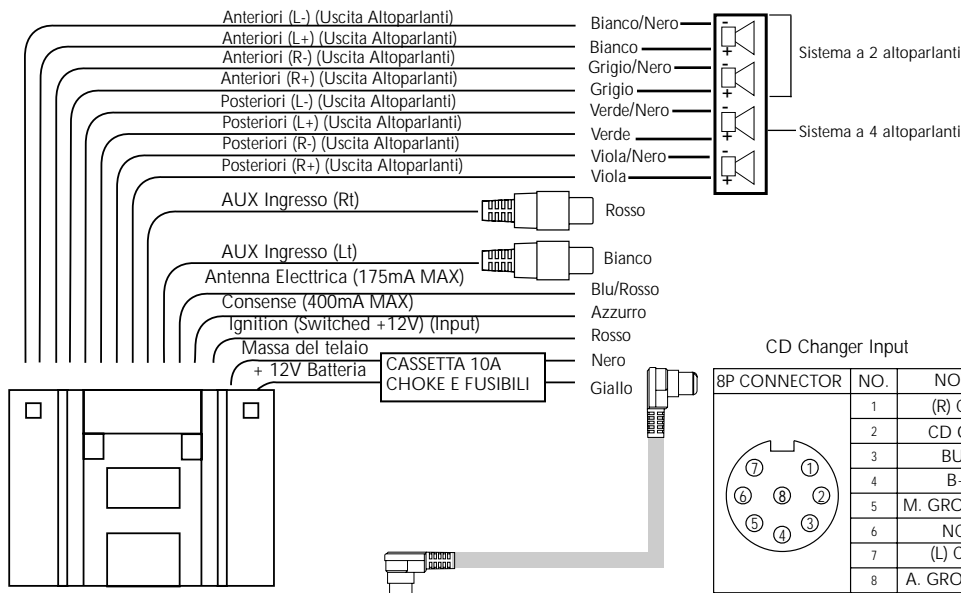


Mounting Sleeve

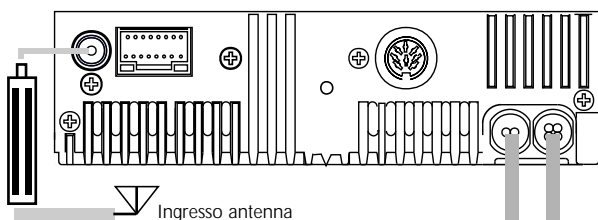
Sleeve Retaining Clip

Secure factory brackets to at least 2 holes





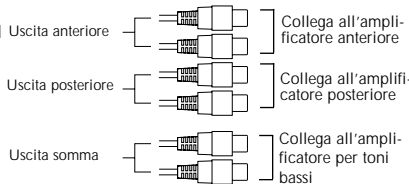
Guardano il Connettore della radio



Connettore di alimentazione (RFX8330)

PIN NO.	DESCRIPTION
1	+12VBatteria (Giallo)
2	Massa del Telaio(Nero)
3	Ignition +12V (Rosso)
4	Consenso (Azzuro)
5	Antenna Electrica (Blu/Rosso)
6	Aux Ingresso (L+) (Bianco)
7	Aux Ingresso Massa
8	Aux Ingresso (R+) (Rosso)
9	Posteriori (R+) (Viola)
10	Posteriori (R-) (Viola /Nero)
11	Posteriori (L+) (Verde)
12	Posteriori (L-) (Verde/Nero)
13	Anteriori (R+) (Grigio)
14	Anteriori (R-) (Grigio/Nero)
15	Anteriori (L+) (Bianco)
16	Anteriori (L-) (Bianco/Nero)

Uscite pre-amperaggio



	RCA	COLORE
Uscita anteriore	sinistra	bianco
	destra	rosso
Uscita posteriore	sinistra	bianco
	destra	rosso
Uscita somma	sinistra	bianco
	destra	rosso

METODI D'INSTALLAZIONE:

Installazione standard - Installare la bussola montante nello spessore del pannello di strumentazione (vedere diagramma). Assicurare la cinghia al retro della radio (usare la vite M5 x 6mm in dotazione) e stringere la vite. Infilare la radio nella bussola montante sino allo "scatto" in posizione. Sostituire il pannello presagomato, se in uso.

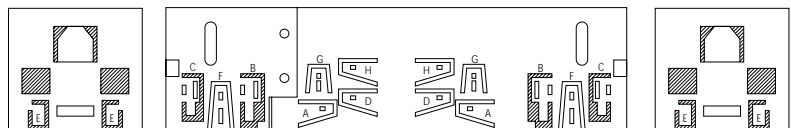
Installazione ISO-DIN - Usare le viti M5 x 6mm in dotazione per fissare i supporti montanti in almeno due fori su ciascun lato della radio. Installare la radio nell'alloggio e stringere i supporti. Sostituire il pannello presagomato.

Spessore del pannello	Diagramma di banda							
	A	B	C	D	E	F	G	H
1.2mm to 1.5mm					*			
1.2mm to 11.3mm						*		
2.0mm to 7.0mm	*					*		
2.9mm to 10.4mm		*				*		
5.2mm to 10.4mm			*			*		
6.3mm to 8.8mm				*		*		
14.0mm to 19.8mm							*	
18.3mm to 20.8mm								*

VISTA LATERALE SINISTRA

VISTA DALL'ALTO

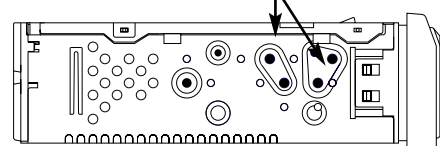
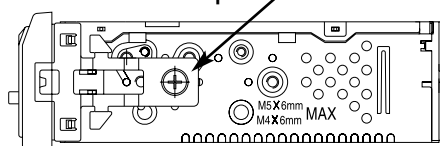
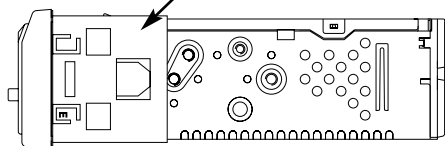
VISTA LATERALE DESTRA



Mounting Sleeve

Sleeve Retaining Clip

Secure factory brackets to at least 2 holes



Installation assistance available at:

RFTECH

www.rockfordfosgate.com/rftech

PRINTED IN CHINA



E.W.R. 11/99
For 2000 Models

Rockford Fosgate
Rockford Corporation
546 South Rockford Drive
Tempe, Arizona 85281 U.S.A.
In U.S.A., (480) 967-3565
In Europe, Fax (49) 8503-934014
In Japan, Fax (81) 559-79-1265
www.rockfordfosgate.com