



RFX-8140

Installation Reference Sheet

Páginas de Referencia para la Instalación

Schéma d'Installation

Installations Beiblatt

Istruzioni di Installation

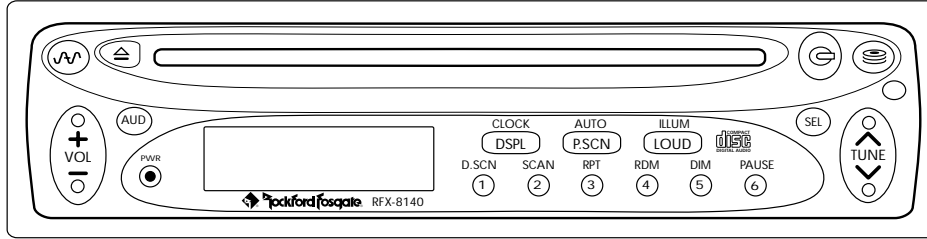


Rockford Fosgate

RFX-8140

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

Specification
Reference
Sheet



FEATURES

GENERAL

- **ISO Mountable** – 178mm x 50.4mm (trim ring removed)
- **SMART-On (Sequentially Managed Accessory Remote Turn-On)** Separate turn-on leads for amplifiers and signal processors that protect speakers and electronics from damaging transients
- **Any Button Wake-Up**
- **Clock**
- **Cell Phone Mute**
- **Switchable Loudness** – Enables bass response to be boosted at low listening levels
- **IR Remote Compatible w/ Pulse** – Ability to operate functions via remote control as well as trigger external devices (amp racks, neon lights, etc.)
- **Dimmable Dual Color Illumination** – Green or Amber color
- **Smart Power Antenna Output**

AUDIophile PREAMP

- **Low Source Impedance** – Enables multiple amplifiers to be driven without signal loss
- **2-ch BAL/RCA Pre-Out** – 6-pin Balanced or RCA

- **Source Tone Memory** – Enables separate Bass and Treble memory for different formats
- **Dual External Audio Inputs** – Allows the source unit to play additional audio sources (VCR, video game, etc.)
- **Signal Processor Loop** – Allows an external processor to be inserted before the source unit's volume control

TUNER

- **Gen 3.2 w/patented Digital Automatic Alignment**
- **MIR (Multipath Interference Rejection)** – Improves audio performance when radio reception is poor
- **World Wide Tuner** – America/Europe/Aust/Saudi
- **24 Station Presets** – 6AM/18FM Presets
- **Auto Store** – Auto programming of all 24 presets

COMPACT DISC

- **5.0 Hologram laser w/multi-damping**
- **Dual 1 Bit D/A Converters w/8x Oversampling**
- **Digital Servo Control w/Auto Focus** – Adjusts to CD manufacturing tolerances for accurate tracking

SPECIFICATIONS

FM TUNER

Frequency Response 30Hz – 15kHz
Usable Sensitivity 20dB @ 1uV
Alternate Ch. Selectivity 90dB
Adjacent Ch. Selectivity 50dB
50dB Quieting Sensitivity 18dBf
Signal-to-Noise Ratio 72dB
Channel Separation ≥25dB @ 1kHz
Capture Ratio 2.6 @ 45dBf

CD PLAYER

Usable Discs 5" and 3"
Frequency Response 20Hz – 20kHz (±2dB)
Signal-to-Noise Ratio >90dB
Channel Separation 86dB
Dynamic Range 100dB

AM TUNER

Sensitivity 31dBf max. @ 10dB sensitivity
–6dB Bandwidth 5kHz min. – 12kHz max.

GENERAL

Operating Voltage +10.5 to +16V DC
Pre-Out Voltage (vol. max.) **8.5 Vrms**
Preamp Output Impedance 50Ω
Equalization Bass ±8dB @ 60Hz
Treble ±10dB @ 10kHz
Chassis Dimensions 7"W x 6³/₈"D x 2"H
(178mm x 162mm x 50.4mm)
Nosepiece Dimensions 7¹/₁₆"W x 7⁷/₈"D x 2"H
(179.7mm x 22.2mm x 50.4mm)
Weight 3.46 lbs. (1569g)

IR REMOTE

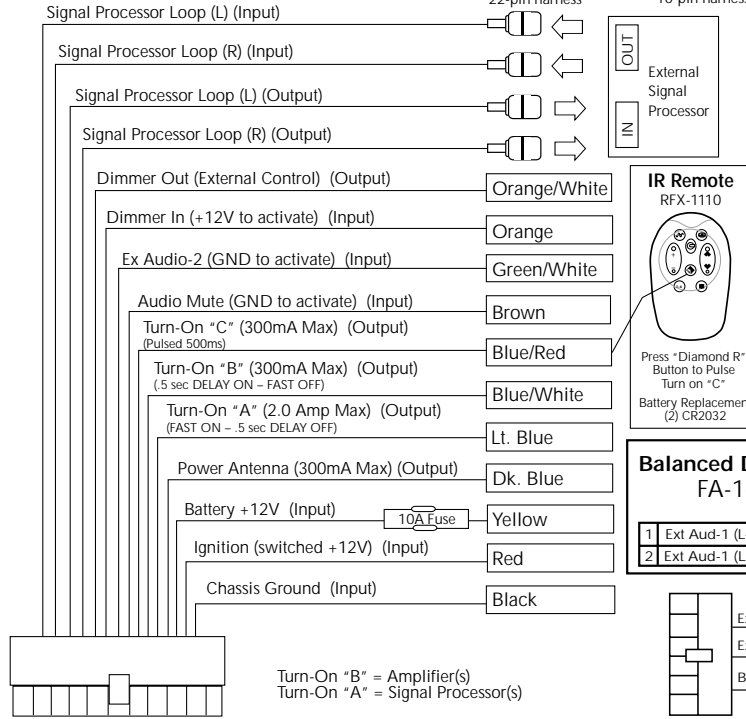
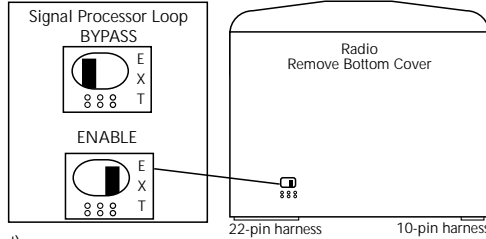
Dimensions 2⁹/₁₆" W x 3³/₄" L x 3³/₄" H
(6.51cm x 9.53cm x 1.9cm)



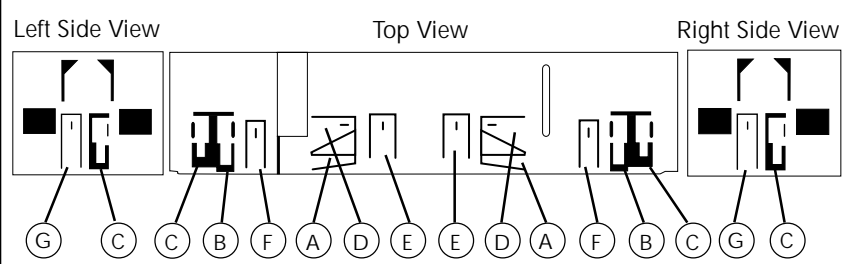
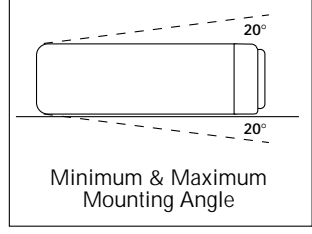
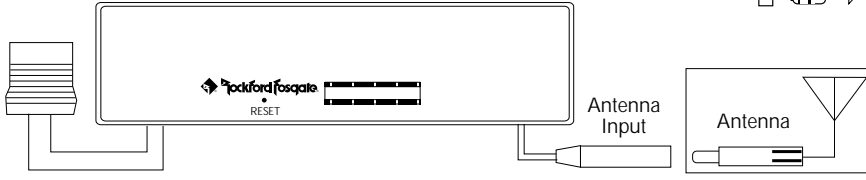
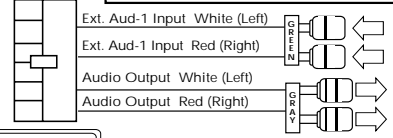
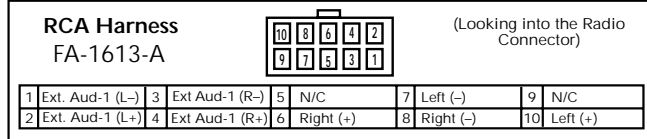
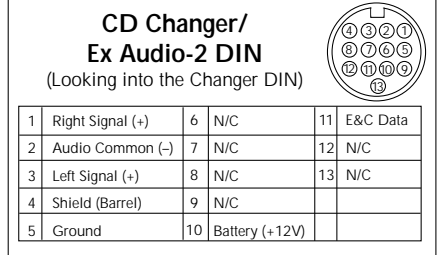
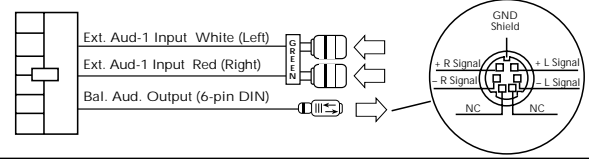
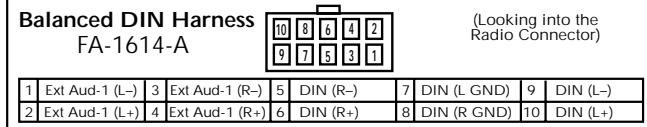
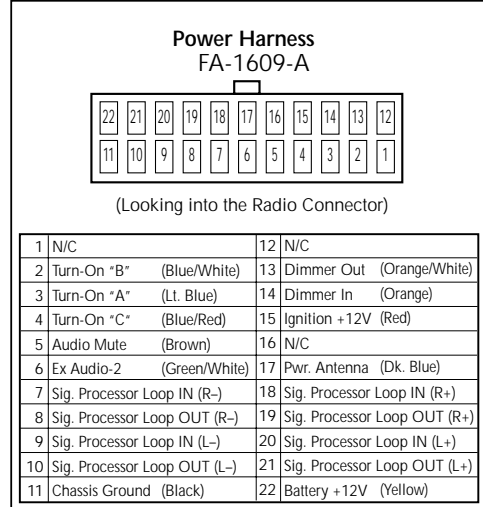
Specifications subject to change without notice

The External Signal Processor Loop is defaulted to the BYPASS position.

To ENABLE the External Signal Processor Loop, remove the bottom cover and adjust the selector switch.



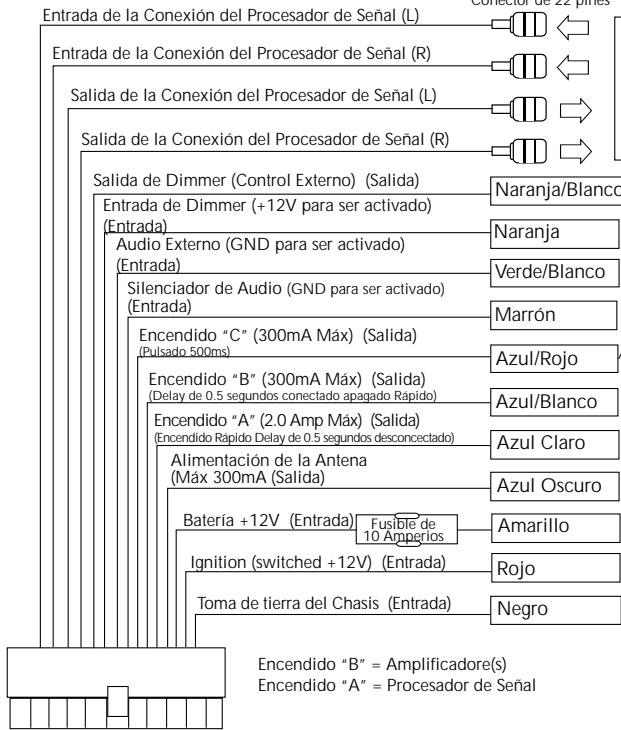
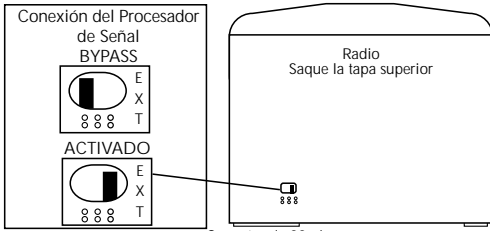
Turn-On "B" = Amplifier(s)
Turn-On "A" = Signal Processor(s)



Instrument Panel Thickness	Tabs to Bend						
	A	B	C	D	E	F	G
1.2mm to 2.5mm	x					x	x
2.4mm to 3.5mm		x				x	x
3.6mm to 4.5mm						x	x
4.6mm to 5.5mm			x			x	x
5.6mm to 7.0mm						x	x
7.0mm to 12mm				x		x	x
12.0mm to 15mm					x		x

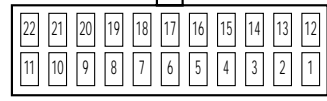
La conexión del Procesador de Señal Externo, está en posición BYPASS por defecto.

Para Activar la conexión del Procesador de Señal Externo, saque la tapa y ajuste el conmutador como proceda.



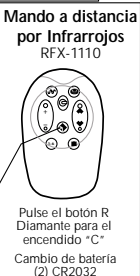
Encendido "B" = Amplificadore(s)
Encendido "A" = Procesador de Señal

Conector de Alimentación FA-1609-A



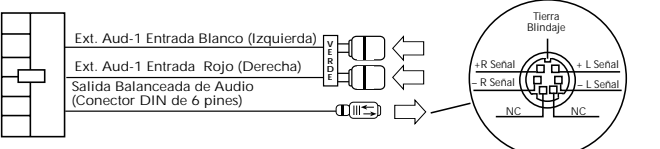
(Mirando hacia el Conector de la Radio)

1	N/C	12	N/C
2	Encendido "B" (Azul/Blanco)	13	Salida de Dimmer (Naranja/Blanco)
3	Encendido "A" (Azul Claro)	14	Entrada de Dimmer (Naranja)
4	Encendido "C" (Azul/Rojo)	15	Alimentación +12V (Rojo)
5	Silenciador de Audio (Marrón)	16	N/C
6	Audio Externo (Verde/Blanco)	17	Alimentación de la Antena (Azul Oscuro)
7	Posterior (L-) (Verde/Negro)	18	Posterior (L+) (Verde)
8	Posterior (R-) (Violeta/Negro)	19	Posterior (R+) (Violeta)
9	Frontal (L-) (Blanco/Negro)	20	Frontal (L+) (Blanco)
10	Frontal (R-) (Gris/Negro)	21	Frontal (R+) (Gris)
11	Toma de tierra del chasis (Negro)	22	Batería +12V (Amarillo)



Conector DIN Balanceado FA-1614-A

1	Ext. Aud-1 (L-)	3	Ext. Aud-1 (R-)	5	DIN (R-)	7	DIN (L GND)	9	DIN (L-)
2	Ext. Aud-1 (L+)	4	Ext. Aud-1 (R+)	6	DIN (R+)	8	DIN (R GND)	10	DIN (L+)



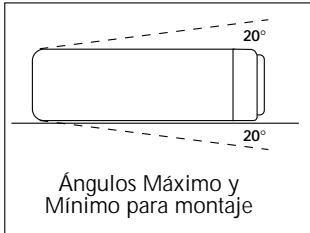
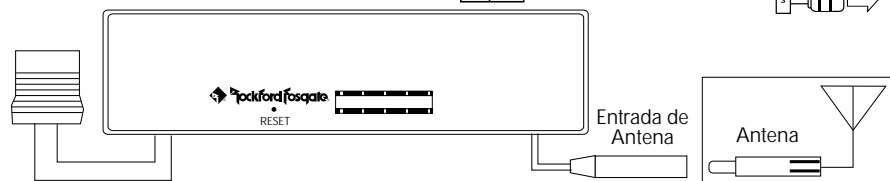
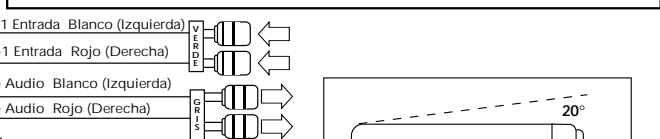
Cambiador de CD's/ Conector DIN EX Audio-2

(Mirando hacia el Cambiador de CD's)

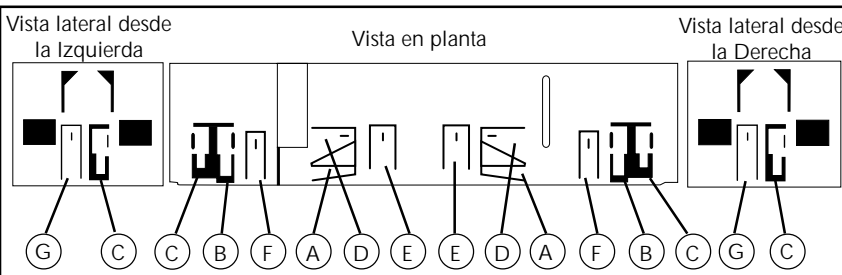
1	Señal Derechal (+)	6	N/C	11	Datos E/C
2	Común Audio (-)	7	N/C	12	N/C
3	Señal Izquierda (+)	8	N/C	13	N/C
4	Blindaje (Protección)	9	N/C		
5	Tierra	10	Batería (+12V)		

Conector RCA FA-1613-A

1	Ext. Aud-1 (L-)	3	Ext. Aud-1 (R-)	5	N/C	7	Izquierda (-)	9	N/C
2	Ext. Aud-1 (L+)	4	Ext. Aud-1 (R+)	6	Derecha (+)	8	Derecha (-)	10	Izquierda (+)



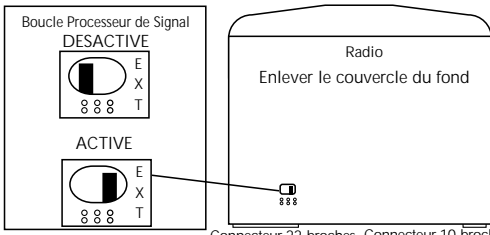
Ángulos Máximo y Mínimo para montaje



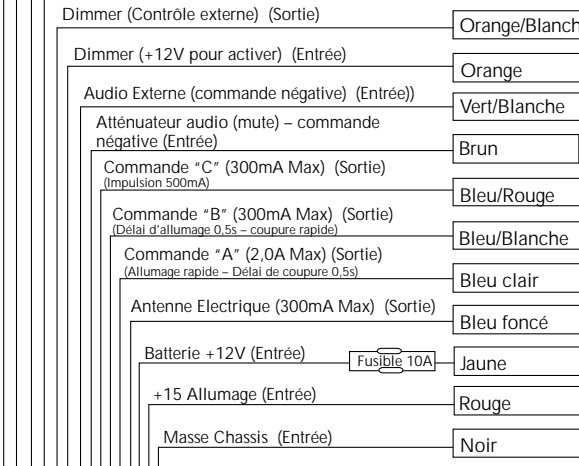
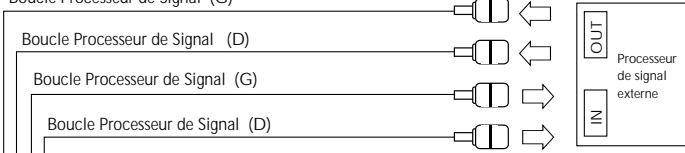
Amplitud del panel de instrumental	Lengüetas a doblar						
	A	B	C	D	E	F	G
1.2mm to 2.5mm	x					x	x
2.4mm to 3.5mm		x				x	x
3.6mm to 4.5mm						x	x
4.6mm to 5.5mm			x			x	x
5.6mm to 7.0mm						x	x
7.0mm to 12mm				x		x	x
12.0mm to 15mm					x		x

La Boucle du Processeur de Signal est en position désactivée d'origine.

Pour activer la Boucle du Processeur de Signal, enlever le couvercle du fond et ajuster le commutateur.

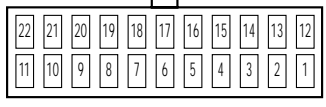


Boucle Processeur de Signal (G) Connecteur 22-broches Connecteur 10-broches



Commande "B" = Amplificateur(s)
Commande "A" = Processeur(s) de signal

**Cablage HP/Alimentation
FA-1609-A**



(Vue sur le connecteur de la radio)

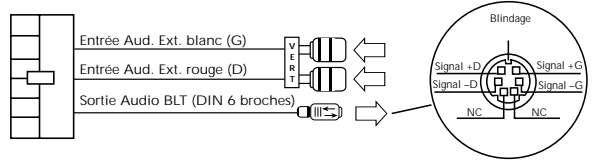
1	N/C	12	N/C
2	Commande "B" (Bleu/Blanc)	13	Sortie Dimmer (Orange/Blanc)
3	Commande "A" (Bleu clair)	14	Entrée Dimmer (Orange)
4	Commande "C" (Bleu/Rouge)	15	Allumage +12V (Rouge)
5	Atténuateur audio (Brun)	16	N/C
6	Audio-2 (Vert/Blanc)	17	Antenne Electrique (Bleu Foncé)
7	Processeur Signal IN (D-)	18	Processeur Signal (D+)
8	Processeur Signal OUT (D-)	19	Processeur Signal (D+)
9	Processeur Signal IN (G-)	20	Processeur Signal IN (G+)
10	Processeur Signal OUT (G-)	21	Processeur Signal OUT (G+)
11	Masse chassis (Noir)	22	Batterie +12V (Jaune)

**Connecteur DIN BLT
FA-1614-A**



(Vue sur le connecteur de la radio)

1	Aud Ext-1 (G-)	3	Aud Ext-1 (D-)	5	DIN (D-)	7	DIN (G GND)	9	DIN (G-)
2	Aud Ext-1 (G+)	4	Aud Ext-1 (D+)	6	DIN (D+)	8	DIN (D GND)	10	DIN (G+)

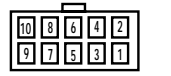


**DIN Changeur CD/
Ex Audio-2 DIN**
(Vue sur le DIN du Changeur)



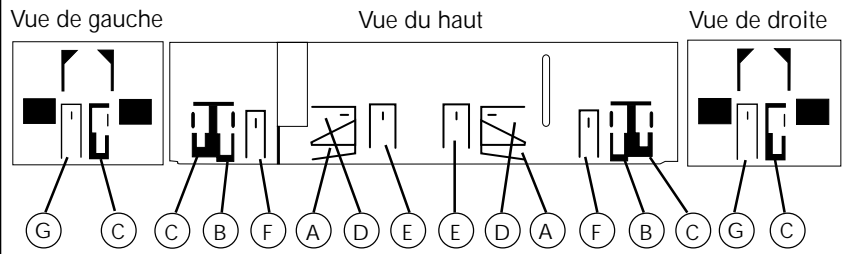
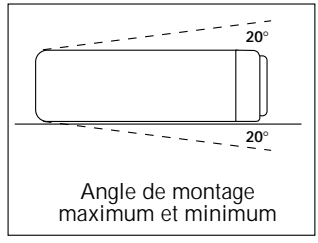
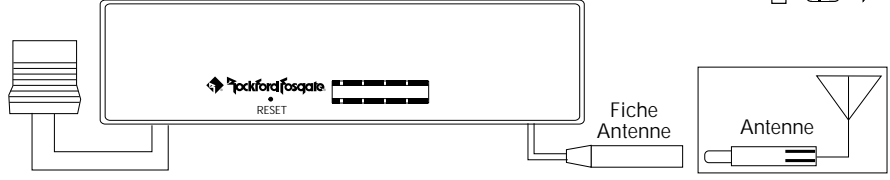
1	Signal positif droite (+)	6	N/C	11	Données E&C
2	Commun négatif signal (-)	7	N/C	12	N/C
3	Signal positif gauche (+)	8	N/C	13	N/C
4	Blindage	9	N/C		
5	Masse	10	Batterie +12V		

**Cablage RCA
FA-1613-A**



(Vue sur le connecteur de la radio)

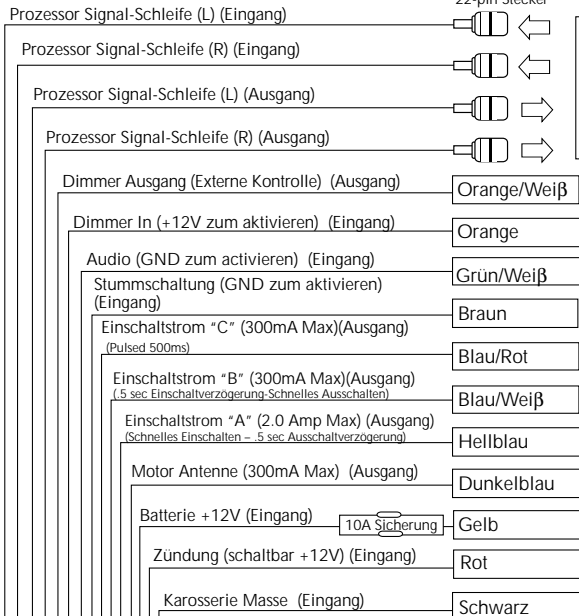
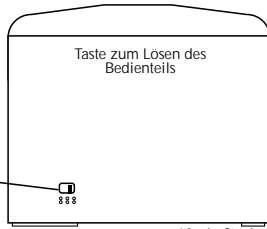
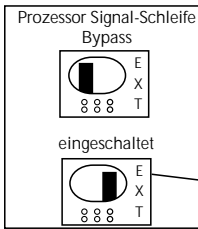
1	Aud Ext-1 (G-)	3	Aud Ext-1 (D-)	5	N/C	7	Gauche (-)	9	N/C
2	Aud Ext-1 (G+)	4	Aud Ext-1 (D+)	6	Droite (+)	8	Droite (-)	10	Gauche (+)



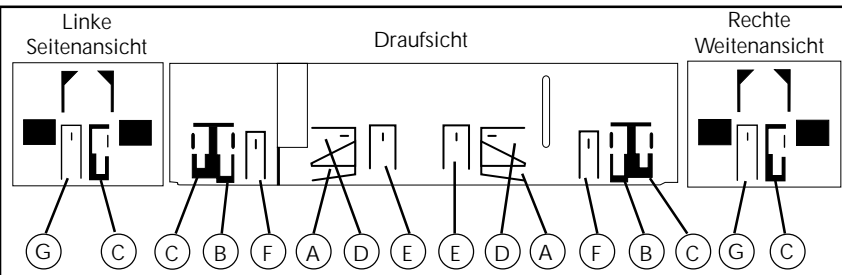
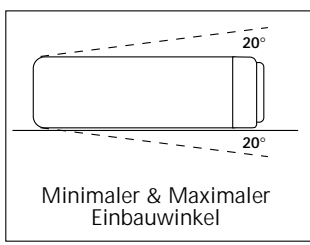
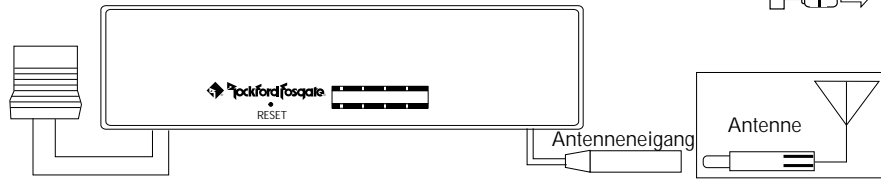
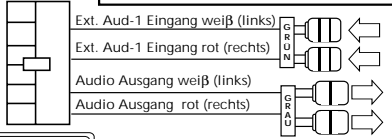
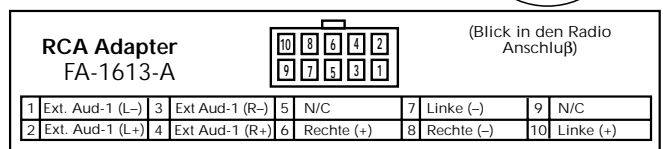
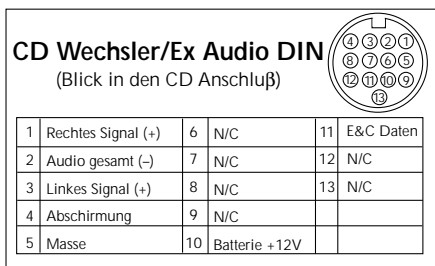
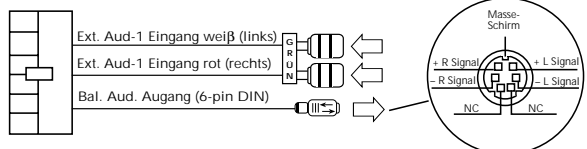
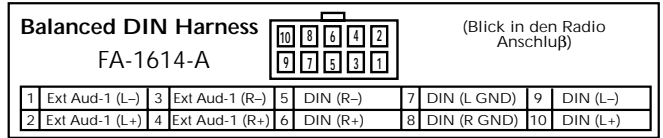
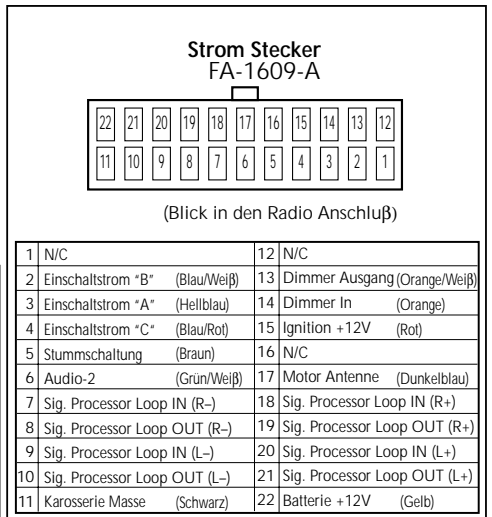
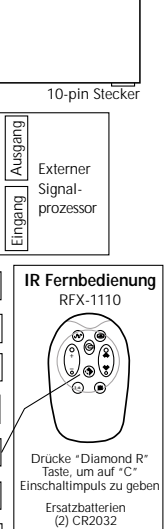
Epaisseur du tableau de bord	Languettes à plier						
	A	B	C	D	E	F	G
1.2mm to 2.5mm	x					x	x
2.4mm to 3.5mm		x				x	x
3.6mm to 4.5mm						x	x
4.6mm to 5.5mm			x			x	x
5.6mm to 7.0mm						x	x
7.0mm to 12mm				x		x	x
12.0mm to 15mm					x		x

Die externe Prozessor Signal-Schleife (ist Voreingestellt auf Bypass Position)

Um die externe Signalschleife einzuschalten, müssen Sie das Bedienteil abnehmen und den Wahlschalter umstellen



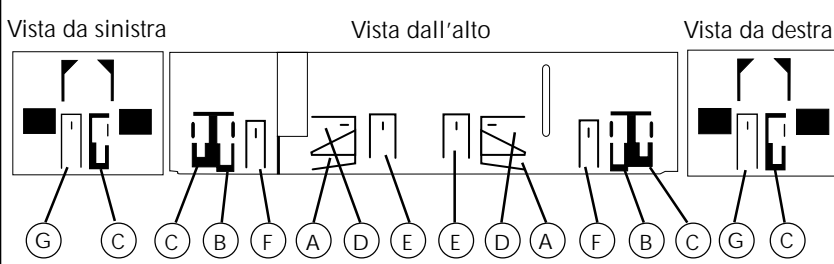
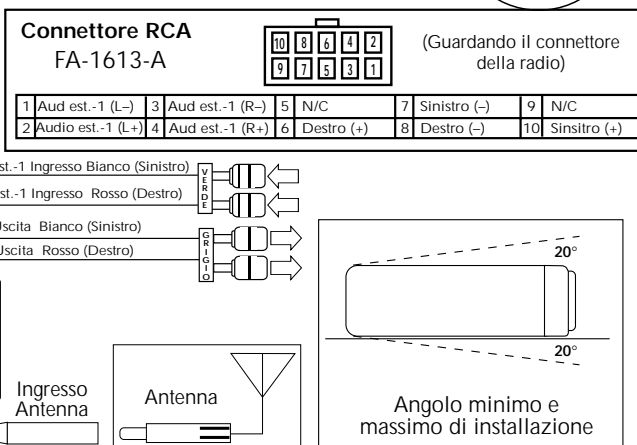
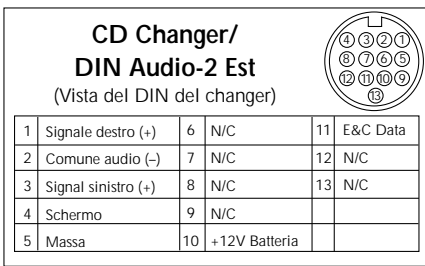
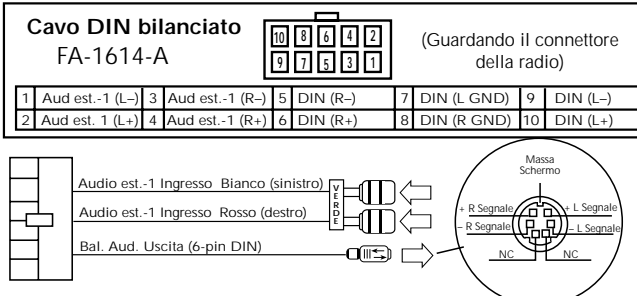
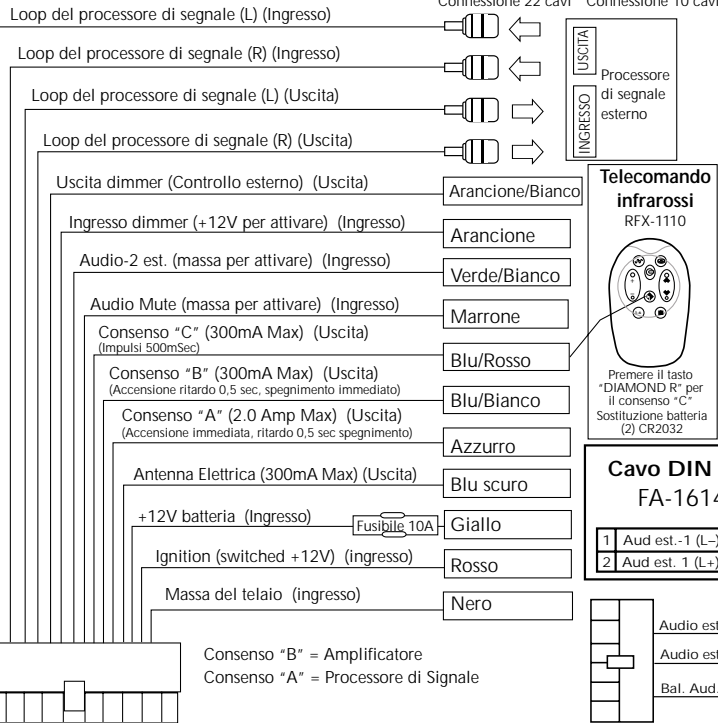
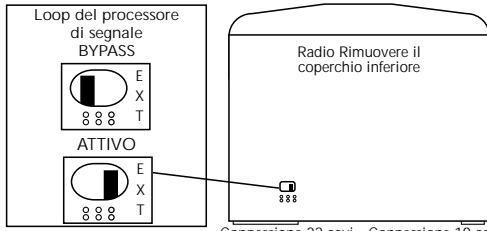
Einschaltstrom "B" = Verstärker(s)
Einschaltstrom "A" = Signal Prozessor(s)



Dicke des Instrumenten-Panels	Klammern zu biegen						
	A	B	C	D	E	F	G
1.2mm to 2.5mm	x					x	x
2.4mm to 3.5mm		x				x	x
3.6mm to 4.5mm						x	x
4.6mm to 5.5mm			x			x	x
5.6mm to 7.0mm						x	x
7.0mm to 12mm				x		x	x
12.0mm to 15mm					x		x

Il loop del processore di segnale è in posizione BYPASS dalla fabbrica.

Per abilitare il loop del processore di segnale esterno, togliere il coperchio inferiore e regolare lo switch.



Spessore del pannello	Alette da piegare						
	A	B	C	D	E	F	G
1.2mm to 2.5mm	x					x	x
2.4mm to 3.5mm		x				x	x
3.6mm to 4.5mm						x	x
4.6mm to 5.5mm				x		x	x
5.6mm to 7.0mm						x	x
7.0mm to 12mm					x	x	x
12.0mm to 15mm					x		x

ENGLISH

World Wide Tuner

The frequency band on the tuner can be programmed to conform with different country codes (except Japan)

1. Press and hold **DSPL** for two seconds
2. Press **SINE WAVE** (Tuner)
3. Press **SEL** to cycle through AMERICAS, EUR/AUST and SAUDI

ESPAÑOL

Sintonizador Standard Mundial

La banda de frecuencias del sintonizador puede ser programada para ser compatible con los diferentes códigos de los países (excepto Japón)

1. Mantenga pulsado el botón **DSPL** durante dos segundos
2. Pulse el botón con **la onda senoidal** (Radio)
3. Pulse **SEL** para cambiar secuencialmente entre AMERICAS, EUROPA/AUSTRALIA y ARABIA SAUDI

FRANÇAIS

World Wide Tuner

La bande de fréquence peut être programmé pour convenir au codes des différent pays (excepté le Japon).

1. Enfoncez et tenez **DSPL** enfoncé durant deux secondes
2. Enfoncez **SINE WAVE** (Tuner)
3. Enfoncez **SEL** pour parcourir AMERICAS, EUR/AUST et SAUDI

DEUTSCH

Weltweiter Tuner

Das Frequenzband des Tuners kann programmiert werden, um in den verschiedenen Ländern einwandfrei zu funktionieren (ausgenommen Japan).

1. Drücken und halten Sie **DSPL** für zwei Sekunden
2. Drücken Sie **SINE WAVE** (Tuner)
3. Drücken Sie **SEL**, um zwischen AMERICAS, EUR/AUST und SAUDI umzuschalten

ITALIANO

Sintonizzatore a copertura mondiale

Le bande di frequenza del sintonizzatore possono essere programmate per adeguarsi ai diversi sistemi dei paesi (Giappone escluso).

1. Tenere premuto **DSPL** per 2 secondi
2. Premere il tasto **Onda Sinusoidale** (Tuner)
3. Premere più volte **SEL** per selezionare tra AMERICAS, EUR/AUST e SAUDI

Nota: per l'Italia selezionare EUR/AUST

MADE IN MEXICO

Designed and Engineered in the USA
by Delco Electronics and Rockford Fosgate

This product was assembled by Delco Electronics at Deltronics de Matamoros, Mexico. Due to the global nature of their manufacturing facilities and the electronics parts industry in general, some parts may be manufactured in other countries.

Rockford Fosgate

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