

FX-166

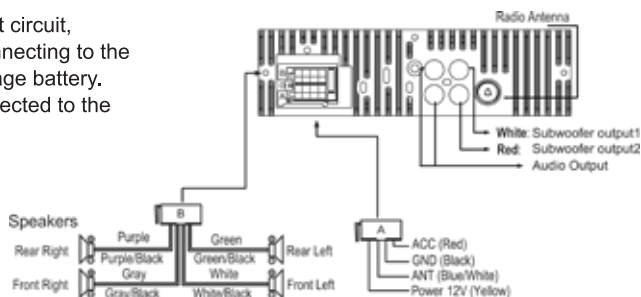
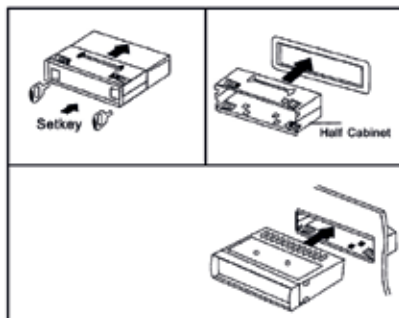


INSTRUCTION MANUAL

GETTING STARTED

INSTALLATION

1. Please refer to the instruction manual for electrical application. Incorrect operation will cause damage to the unit.
2. Connect the power cord only after all the connections have been set.
3. The unit is only designed for 12-15V negative ground operation systems.
4. Connect the unit according to the lead diagram.
5. This unit is for 12V direct-current negative ground systems only.
6. In order to avoid a short circuit, disconnect the wire connecting to the terminal of the car storage battery.
7. The yellow wire is connected to the positive battery terminal(+)
8. The fuse of both the automobile and the unit should match.



INSTALACIÓN

1. Consulte el manual de instrucciones para la aplicación eléctrica. La operación incorrecta causará daños a la unidad.
2. Conecte el cable de alimentación solo después de que se hayan establecido todas las conexiones.
3. La unidad solo está diseñada para sistemas de operación de tierra negativa de 12-15V.
4. Conecte la unidad de acuerdo con el diagrama de cables.
5. Esta unidad es solo para sistemas de tierra negativos de corriente continua de 12 V.
6. Para evitar un cortocircuito, desconecte el cable que conecta al terminal de la batería del automóvil.
7. El cable amarillo está conectado al terminal positivo de la batería (+)
8. El fusible tanto del automóvil como de la unidad debe coincidir.

INSTALLATION

1. Veuillez vous référer au manuel d'instructions pour l'application électrique. Une utilisation incorrecte endommagera l'appareil.
2. Ne branchez le cordon d'alimentation qu'après avoir effectué toutes les connexions.
3. L'unité est uniquement conçue pour les systèmes de mise à la terre négative de 12 à 15 V.
4. Connectez l'appareil conformément au schéma des câbles.
5. Cet appareil est uniquement destiné aux systèmes de mise à la terre négative à courant continu de 12 V.
6. Afin d'éviter un court-circuit, déconnectez le fil reliant la borne de la batterie de stockage de la voiture.
7. Le fil jaune est connecté à la borne positive de la batterie (+)
8. Le fusible de l'automobile et de l'appareil doit correspondre.

SPECIFICATIONS**AM TUNER**

Frequency range: 522-1620KHz
 Medium frequency: ≤ 9 K KHz
 Signal/Noise ratio: ≥ 50 dB
 Usable sensitivity: 10dB

USB/SD

Frequency response: 20Hz-20KHz
 Signal/Noise ratio: > 50 dB
 T.H.D: $< 3\%$ (1KHz)

FM TUNER

Frequency range: 87.5-108MHz
 Medium frequency: $10.7\text{MHz} \pm 0.3\%$
 Signal/Noise ratio: 50dB
 Useable sensitivity: 10dB

OTHERS

MAX Output power: 4x50W
 Supply voltage: 12-ISVDC minus earth
 Speaker impedance: 4-8 ohm /ch
 Dimensions: 178x122x50mm
 Weight: 0.79Kg

SINTONIZADOR AM

Rango de frecuencia: 522-1620KHz
 Frecuencia media: ≤ 9 K KHz
 Relación señal/ruido: ≥ 50 dB
 Sensibilidad utilizable: 10dB

USB/SD:

Respuesta de frecuencia: 20Hz-20KHz
 Relación señal/ruido: > 50 dB
 T.H.D: $< 3\%$ (1KHz)

SINTONIZADOR FM

Rango de frecuencia: 87,5-108MHz
 Frecuencia media: $10,7\text{MHz} \pm 0,3\%$
 Relación señal/ruido: 50dB
 Sensibilidad utilizable: 10dB

OTROS

Potencia máxima de salida: 4x50W
 Tensión de alimentación: 12-ISVDC menos tierra
 Impedancia del altavoz: 4-8 ohm /ch
 Dimensiones: 178x122x50mm
 Peso: 0,79Kg

SYNTONISEUR AM

Gamme de fréquence : 522-1620KHz
 Fréquence moyenne : ≤ 9 K KHz
 Rapport signal/bruit : ≥ 50 dB
 Sensibilité utilisable : 10dB

USB/SD:

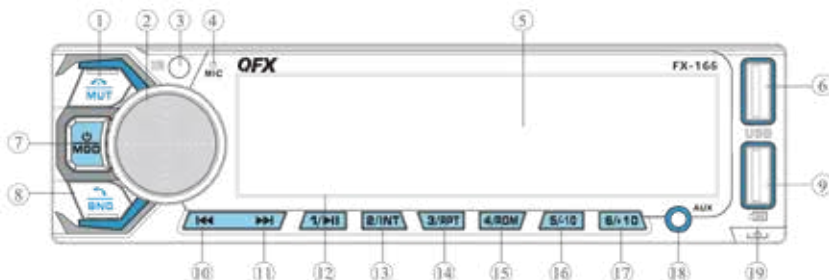
Réponse en fréquence : 20Hz-20KHz
 Rapport Signal/Brui : > 50 dB
 T.H.D : $< 3\%$ (1 KHz)

SYNTONISEUR FM

Gamme de fréquences : 87,5-108 MHz
 Moyenne fréquence : $10,7\text{ MHz} \pm 0,3\%$
 Rapport signal/bruit : 50 dB
 Sensibilité utilisable : 10dB

LES AUTRES

Puissance de sortie MAX : 4x50W
 Tension d'alimentation : 12-ISVDC moins terre
 Impédance du haut-parleur : 4-8 ohm/ch
 Dimensions : 178 x 122 x 50 mm
 Poids : 0,79 kg

FRONT CONTROL PANEL

1. Hand up & Mute
2. SEL & VOL Knob
3. Remote receiver
4. Microphone receiver
5. LCD
6. USB port
7. MOD/Power
8. BAND/Cal
9. Charging
10. ⏪
11. ⏩
12. 1/Stop
13. 2/INT
14. 3/RPT
15. 4/RDM
16. 5/-10
17. 6/+10
18. AUXIN
19. Release Button
20. TF Card
21. Removing connector
22. Reset

1. Mano arriba y silencio
2. Perilla SEL y VOL
3. Receptor remoto
4. Receptor de micrófono
5. LCD
6. Puerto USB
7. Modo/Potencia
8. BANDA/Cal
9. Carga
10. ⏪
11. ⏩
12. 1/Parada
13. 2/INT
14. 3/RPT
15. 4/RDM
16. 5/-10
17. 6/+10
18. AUXINA
19. Botón de liberación
- 20 Tarjeta TF
21. Extracción del conector
22. Reiniciar

1. Main levée et muet
2. Bouton SEL & VOL
3. Récepteur à distance
4. Récepteur micro
5. ACL
6. Prise USB
7. MOD/Puissance
8. BANDE/Étalonnage
9. Chargement
10. ⏪
11. ⏩
12. 1/Arrêt
13. 2/INT
14. 3/RPT
15. 4/MDR
16. 5/-10
17. 6/+10
18. AUXINE
19. Bouton de déverrouillage
20. Carte TF
21. Retrait du connecteur
22. Réinitialiser

BLUE TOOTH CONNECTION

1. Open the Bluetooth setting in your mobile device and connect to FX-166
2. Enter the password "0000" and then the connection will be complete.
3. App control connection: Scan the following
4. QR code and download the pp, and install it.
5. Then you may control the device through the app before you use the app, please connect the mobile device to the unit via Bluetooth.



ANDRIOD
CELLPHONE

CONEXIÓN DE DIENTE AZUL

1. Abra la configuración de Bluetooth en su dispositivo móvil y conéctese a FX-166
2. Ingrese la contraseña "0000" y luego la conexión se completará.
3. Conexión de control de aplicaciones: escanee lo siguiente
4. Código QR y descarga la pp, e instálala.
5. Luego puede controlar el dispositivo a través de la aplicación antes de usar la aplicación, conecte el dispositivo móvil a la unidad a través de Bluetooth.



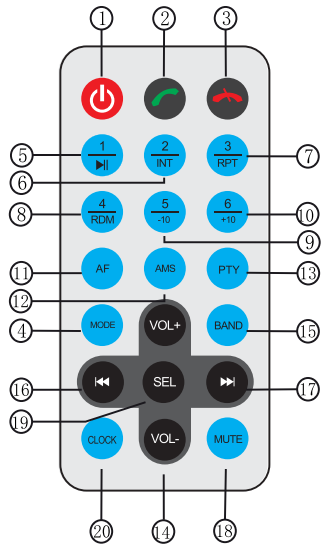
iOS

CONNEXION DENT BLEUE

1. Ouvrez le paramètre Bluetooth de votre appareil mobile et connectez-vous au FX-166
2. Entrez le mot de passe "0000" puis la connexion sera terminée.
3. Connexion de contrôle d'application : scannez les éléments suivants
4. Code QR et téléchargez le pp, et installez-le.
5. Ensuite, vous pouvez contrôler l'appareil via l'application avant d'utiliser l'application, veuillez connecter l'appareil mobile à l'unité via Bluetooth.

REMOTE CONTROL OPERATION:

1. To power unit ON/OFF.
2. To answer phone. Or press to dial phone numbers, then press again to start calling.
3. To hang up phone. Or press to delete numbers when dialing.
4. Press to change modes.
5. In AM/FM radio modes, press to select preset station 1. Or press-hold to memorize/store as station 1 preset.
6. In AM/FM radio modes, press to select preset station 2. Or press-hold to memorize/store as station 2 preset.
7. In AM/FM radio modes, press to select preset station 3. Or press-hold to memorize/store as station 3 preset.
8. In AM/FM radio modes, press to select preset station 4. Or press-hold to memorize/store as station 4 preset.
9. In AM/FM radio modes, press to select preset station 5. Or press-hold to memorize/store as station 5 preset.
10. In AM/FM radio modes, press to select preset station 6. Or press-hold to memorize/store as station 6 preset.

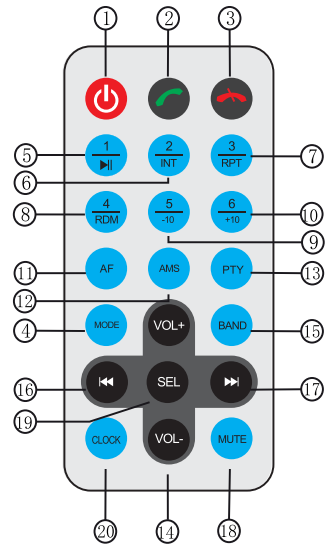


NOTE: Use remote buttons 1-6 to select the specific music track or to dial phone numbers in those modes.

11. AF key = 7 to select the music track 7 or to dial 7 in those modes.
12. MS key = 8. Press to browse radio stations. Press-hold to browse and store stations automatically. Select the music track 8 or to dial 8 in those modes.
13. PTY key = 9 to select the music track 9 or to dial 9 in those modes.
14. To increase or decrease volume.
15. To select AM or FM radio modes.
16. Press to select previous music track, Bluetooth track or go back radio stations.
17. Press to select next music track, Bluetooth track or go forward radio stations.
18. MUTE = # when dialing a phone number.
19. Toggle to select sound settings (BAS, TRE, BAL, DAD, DSP and EQ). Use Vol+ and Vol- to set functions.
20. Press to show Clock. Press-hold to set clock (use button #3 and SEL button).

OPERACIÓN DE CONTROL REMOTO

1. Para encender/apagar la unidad.
 2. Para contestar teléfono. O presione para marcar números de teléfono, luego presione nuevamente para comenzar a llamar.
 3. Para colgar el teléfono. O presione para borrar números al marcar.
 4. Pulse para cambiar de modo.
 5. En los modos de radio AM/FM, presione para seleccionar la estación preestablecida 1. O mantenga presionado para memorizar/guardar como estación 1 preestablecida.
 6. En los modos de radio AM/FM, presione para seleccionar la estación preestablecida 2. O mantenga presionado para memorizar/guardar como estación 2 preestablecida.
 7. En los modos de radio AM/FM, presione para seleccionar la estación preestablecida 3. O mantenga presionado para memorizar/guardar como estación 3 preestablecida.
 8. En los modos de radio AM/FM, presione para seleccionar la estación preestablecida 4. O mantenga presionado para memorizar/guardar como estación 4 preestablecida.
 9. En los modos de radio AM/FM, presione para seleccionar la estación preestablecida 5. O mantenga presionado para memorizar/guardar como estación 5 preestablecida.
 10. En los modos de radio AM/FM, presione para seleccionar la estación preestablecida 6. O mantenga presionado para memorizar/guardar como estación 6 preestablecida.
- NOTA:** Use los botones remotos 1-6 para seleccionar la pista de música específica o para marcar números de teléfono en esos modos.
11. Tecla AF = 7 para seleccionar la pista de música 7 o para marcar 7 en esos modos.
 12. Tecla MS = 8. Presione para buscar estaciones de radio. Mantenga presionado para buscar y almacenar estaciones automáticamente. Seleccione la pista de música 8 o marque 8 en esos modos.
 13. Tecla PTY = 9 para seleccionar la pista de música 9 o para marcar 9 en esos modos.
 14. Para aumentar o disminuir el volumen.
 15. Para seleccionar los modos de radio AM o FM.
 16. Presione para seleccionar la pista de música anterior, la pista de Bluetooth o retroceder las estaciones de radio.
 17. Presione para seleccionar la siguiente pista de música, la pista de Bluetooth o avanzar a las estaciones de radio.
 18. MUTE = # al marcar un número de teléfono.
 19. Alterne para seleccionar la configuración de sonido (BAS, TRE, BAL, DAD, DSP y EQ). Utilice Vol+ y Vol- para configurar las funciones.
 20. Presione para mostrar Reloj. Mantenga presionado para configurar el reloj (use el botón #3 y el botón SEL).

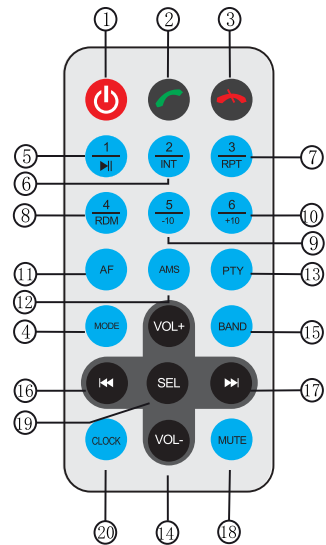


FONCTIONNEMENT DE LA TÉLÉCOMMANDE

1. Pour allumer/éteindre l'unité.
2. Pour répondre au téléphone. Ou appuyez sur pour composer des numéros de téléphone, puis appuyez à nouveau pour commencer à appeler.
3. Pour raccrocher le téléphone. Ou appuyez sur pour supprimer des numéros lors de la composition.
4. Appuyez pour changer de mode.
5. Dans les modes radio AM/FM, appuyez pour sélectionner la station préréglée 1. Ou appuyez longuement pour mémoriser/mémoriser comme station 1 préréglée.
6. Dans les modes radio AM/FM, appuyez pour sélectionner la station préréglée 2. Ou appuyez longuement pour mémoriser/mémoriser comme station 2 préréglée.
7. Dans les modes radio AM/FM, appuyez pour sélectionner la station préréglée 3. Ou appuyez longuement pour mémoriser/mémoriser comme station 3 préréglée.
8. Dans les modes radio AM/FM, appuyez pour sélectionner la station préréglée 4. Ou appuyez longuement pour mémoriser/mémoriser comme station 4 préréglée.
9. Dans les modes radio AM/FM, appuyez pour sélectionner la station préréglée 5. Ou appuyez longuement pour mémoriser/mémoriser comme station 5 préréglée.
10. Dans les modes radio AM/FM, appuyez pour sélectionner la station préréglée 6. Ou appuyez longuement pour mémoriser/mémoriser comme station 6 préréglée.

REMARQUE: Utilisez les boutons 1 à 6 de la télécommande pour sélectionner la piste musicale spécifique ou pour composer des numéros de téléphone dans ces modes.

11. Touche AF = 7 pour sélectionner la piste musicale 7 ou pour composer le 7 dans ces modes.
12. Touche MS = 8. Appuyez pour parcourir les stations de radio. Maintenez la touche enfoncée pour parcourir et mémoriser automatiquement les stations. Sélectionnez la piste musicale 8 ou composez le 8 dans ces modes.
13. Touche PTY = 9 pour sélectionner la piste musicale 9 ou pour composer le 9 dans ces modes.
14. Pour augmenter ou diminuer le volume.
15. Pour sélectionner les modes radio AM ou FM.
16. Appuyez pour sélectionner la piste musicale précédente, la piste Bluetooth ou revenir en arrière sur les stations de radio.
17. Appuyez pour sélectionner la piste musicale suivante, la piste Bluetooth ou pour avancer vers les stations de radio.
18. MUTE = # lors de la composition d'un numéro de téléphone.
19. Basculez pour sélectionner les paramètres sonores (BAS, TRE, BAL, DAD, DSP et EQ). Utilisez Vol+ et Vol- pour régler les fonctions.
20. Appuyez sur pour afficher Horloge. Maintenez appuyé pour régler l'horloge (utilisez le bouton n°3 et le bouton SEL).





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Before returning your Product for service under this Warranty, please (i) read the instruction manual carefully and visit our website at www.qfxusa.com for Product updates and extended support documentation (e.g., Common Troubleshooting Guides); (ii) if you are still having trouble with your Product, please contact the QFX Customer Support Department.

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QFX USA® , Inc.
RMA Processing
Customer Support Department
2957 E. 46th Street | Vernon, CA 90058

support@qfxusa.com
(800) 864-CLUB (2582) or (323) 864-6900
qfxusa.com
Hours of Operation: Monday - Friday, 9am - 5pm PST

All prices and details below are for US Destinations excluding, Hawaii, Alaska and Puerto Rico. For excluded destinations and NON US destinations, please contact The QFX Customer Support Department directly for additional shipping fees and return instructions.

If you do not find your Product below, your Product model conflicts with multiple categories, and/or are unsure of which category the Product you have purchased will fall under, please contact our Customer Support Department for further instruction.

In order to determine the exact shipping cost that must be included with your product or paid for the product being returned, please refer to the table below. Please find the product you wish to return by category or model number prefix. QFX will not provide any return or refund to any customer for merchandise and will only honor the Limited Warranty restrictions mentioned in this document.

Please make sure to follow all directions prior to shipping back your item. If you are not sure what the shipping cost for your item is, or if your item category conflicts in the table below, please feel free to contact the QFX Support Department for further assistance.

PRODUCT CATEGORY	HANDLING	LABOR	PARTS
Earphones, Headphones, Pocket Radios, & Small Bluetooth vSpeakers	\$5.00	1 Year	1 Year
Personal Stereos	\$10.00	1 Year	1 Year
Portable Radio/Cassette	\$15.00	1 Year	1 Year
Large Portable Radio Cassette	\$20.00	1 Year	1 Year
Mobile Audio	\$10.00	1 Year	1 Year
Pro Audio SBX Systems	\$75.00	1 Year	1 Year
Pro Audio PBX Systems	\$75.00	1 Year	1 Year
Televisions	\$25.00	1 Year	1 Year
Telephones	\$10.00	1 Year	1 Year

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QFX is Where the Party Begins!

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Tag us **@QFXUSA** to share your stories.