



# F 6X

6 CHANNEL MIXING CONSOLE WITH MULTI-FX



**Description** RCF's next generation F Series mixers builds on the rich analog legacy found in the professional E Series, featuring high quality sound in five formats from 6 to 24 channels. A powerful tool for the musician and the sound enthusiast, entirely conceived and designed by the RCF R&D team. Housed in a sturdy metal chassis, each mixer features a full balanced audio path from input to output and the unique PRO DSP FX: 16 professional effects such as Reverbs (Halls, Rooms, Plates, Spring), Delays (Mono, Stereo and Multitap), Chorus, Flangers and Echoes. The models F-10XR, F-12XR, F-16XR and F-24XR, include an USB audio interface, for stereo recording on computer-based DAW and 2-channel playback.

- Features**
- › 2 Mic/Line inputs
  - › 2 stereo line inputs
  - › One Aux/FX (post)
  - › Balanced main output audio path from input to output
  - › 16 presets PRO DSP internal FX
  - › Sturdy metal chassis
  - › External universal power supply
  - › Designed and engineered in Italy

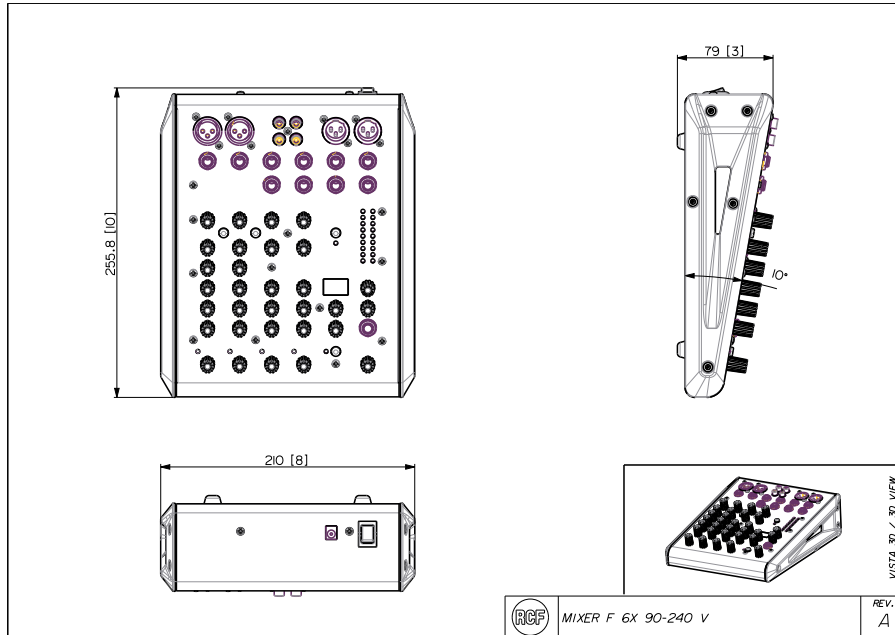
**Part Number** 17140088 F 6X 90-240 V Black EAN 8024530016135



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Line Art 2D



## TECHNICAL SPECIFICATIONS

### Electronic specifications

Frequency Response 20 Hz - 20 kHz  
 THD+N, 20dB gain, 0dBu out <0,02% A-Weighted

### Processing

Dynamic Range > 85dB

### Inputs

Channels 6  
 Mic 2  
 Gain Range 0 dB - -50 dB  
 Input Noise Level -124 dBu A-Weighted  
 Mic Inputs Impedance 14 kohm  
 Low Cut 80 Hz  
 Phantom Power +48V Yes  
 Mono Line 2  
 Gain Selection 20 dB - -30 dB  
 Line Input Impedance 21 kohm  
 Stereo Line 2  
 Gain Selection 20 dB - -30 dB  
 Stereo Line Input Impedance (kOhm) 15 kohm  
 Input Connectors XLR, Jack, RCA

### Outputs

Main MIX 1  
 FX Send 1  
 AUX Output 1  
 Phones 1  
 Output Connectors XLR, Jack



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|                                  |                            |  |
|----------------------------------|----------------------------|--|
| <b>Outputs specifications</b>    | Main Out Level             | 28 dBu   |
|                                  | Aux Out Level              | 28 dBu   |
|                                  | Phones Out impedance (ohm) | 150 ohm  |
| <b>EQ</b>                        | Input Channels EQ          | 2 Shelving / 1 Generic   |
|                                  | Description                | High: +/-15 dB @ 10 kHz Shelving,<br>Mid: +/-15 dB @ 1,250 kHz, Bell<br>Low: +/-15 dB @ 100 Hz Shelving. |
| <b>Auxiliary sends</b>           | FX POST                    | 1  |
| <b>Internal Effects</b>          | Send Effects               | 1  |
| <b>Other features</b>            | Footswitch                 | Yes  |
| <b>Electrical specifications</b> | Power supply               | External   |
|                                  | Voltage requirements       | 100 V - 240 V  |
|                                  | Power consumption (MAX)    | 12 W   |
| <b>Standard compliance</b>       | Safety agency              | CE compliant   |
| <b>Physical specifications</b>   | Cabinet/Case Material      | Metal  |
|                                  | Color                      | Black  |
| <b>Size / Weight</b>             | Height                     | 79 mm / 3.11 inches  |
|                                  | Width                      | 210 mm / 8.27 inches   |
|                                  | Depth                      | 255 mm / 10.04 inches  |
|                                  | Weight                     | 1.8 kg / 3.97 lbs  |
| <b>ACCESSORIES</b>               |                            |  |
| <b>Protections</b>               | <b>BAGS</b>                |  |
|                                  | 13360417      BG F 6X      | Black      EAN 8024530016395   |