<table>
<thead>
<tr>
<th>Model</th>
<th>MIC INPUTS</th>
<th>PHANTOM POWER</th>
<th>MONO LINE INPUTS</th>
<th>STEREO LINE INPUTS</th>
<th>SELECTABLE HIZ INPUTS</th>
<th>HIPASS FILTERS</th>
<th>SINGLE CONTROL COMPRESSORS</th>
<th>MAIN OUTPUT</th>
<th>AUX OUT</th>
<th>FX TO AUX SEND</th>
<th>BUSS OUTPUT</th>
<th>PHONES</th>
<th>EQ FOR MONO CHANNELS</th>
<th>EQ FOR STEREO CHANNELS</th>
<th>INTERNAL FX</th>
<th>USB AUDIO PORT</th>
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<tbody>
<tr>
<td>F 16XR</td>
<td>10</td>
<td>YES</td>
<td>10</td>
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<td>-</td>
<td>@80Hz</td>
<td>6</td>
<td>1 (2 XLR AND 2 TRS JACK)</td>
<td>4 (TRS JACK)</td>
<td>3 1 - -</td>
<td>4 2</td>
<td>1 (STEREO JACK)</td>
<td>3 BANDS WITH SELECTABLE MID FREQ.</td>
<td>3 BANDS</td>
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<td>-</td>
<td>@80Hz</td>
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<td>1 (2 XLR AND 2 TRS JACK)</td>
<td>2 (TRS JACK)</td>
<td>1 1 - -</td>
<td>2 -</td>
<td>1 (STEREO JACK)</td>
<td>3 BANDS</td>
<td>2 BANDS</td>
<td>YES (16 PRESETS)</td>
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</tr>
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<td>F 10XR</td>
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<td>-</td>
<td>@80Hz</td>
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<td>1 (2 XLR AND 2 TRS JACK)</td>
<td>1 (TRS JACK)</td>
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<td>- -</td>
<td>1 (STEREO JACK)</td>
<td>3 BANDS</td>
<td>2 BANDS</td>
<td>YES (16 PRESETS)</td>
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<tr>
<td>F 6X</td>
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<td>- -</td>
<td>-</td>
<td>3 BANDS</td>
<td>2 BANDS</td>
<td>YES (16 PRESETS)</td>
<td>-</td>
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</tbody>
</table>

**Specifications**

- **Model:** F Series Mixing Consoles
- **Power:** Multi-voltage power supply for worldwide use
- **EQ:** F Series equalizer with a semi-parametric mid-band EQ
- **FX:** 16 studio quality effects, including reverbs, delays, chorus, flangers, and echoes
- **Compression:** Single control compressor for accurate signal peak control
- **Routing:** AUX/FX sends for flexible stage monitoring and special FX routing
- **Quality:** High-quality preamplifiers with phantom power
- **Dimensions:** Various sizes for different needs

**Features**

- **Analogue Mixing Flexibility:** Rich legacy from the E Series
- **Powerful Digital FX and Recording:** 16 effects and multiple auxes
- **Compact Design:** Low power consumption, multi-voltage power supply
- **USB Audio Interface:** Onboard for easy recording
- **Footswitch:** TS Jack for effect return control

**RCF Official Website:** [www.rcf.it](http://www.rcf.it)
ENHANCED ANALOG MIXING FLEXIBILITY

Premium RCF next-generation F Series mixers build on the rich analog legacy found in the professional E Series, staging high-quality sound in four formats ranging from 6 to 16 channels. Aesthetically pleasing panel and high contrast graphics, premium quality connections and easy routing make it possible to mix your music with minimal technical expertise and the best results. Housed in a sturdy metal chassis, each mixer builds on a fully balanced and low noise audio path from input to output, with single control compressors (on some models) to limit signal peaks and a modern sounding EQ.

POWERFUL DIGITAL FX AND RECORDING

16 studio quality effects and multiple auxes increase the musical power of the pioneering internal routing in this class: FX returns path can route to Auxes to have your FX on personal monitors, while the buses and the control room panel simplify complex routings. Recording your gigs or your rehearsals is even easier, thanks to the USB audio interface onboard (on some models), ready for 2-tracks playback and recording on a computer. High profile electronic design with low power consumption. The multi-voltage power supply makes it perfect for worldwide use, giving you the ability to travel safely with full awareness of peak performance and reliability of your F series mixer, everywhere.

HIGH QUALITY PREAMPLIFIERS

High quality preamplifiers with phantom power, inspired by the E-Series Mixers, offer high quality sound and dynamics. Line level signals are less noisy when connected using the separate line input jack socket.
HiZ SWITCHABLE
The Hi-Z input is very useful when connecting low level musical instruments such as acoustic instruments with piezo transducers, passive electric guitars and bass with passive pick-ups, or stompboxes. This on-board solution allows you to forget about the D.I. Box.

SINGLE CONTROL COMPRESSOR
Accurate control of annoying signal peaks with just one knob. The transparent and accurate single control compressors limit the dynamic behavior of any instrument and voice, on demand.

STATE OF THE ART EQ
Precise and exquisitely transparent shaping of sound. Any timbre is adjustable via the powerful F series equalizer. The F 16XR equalizer features a semi parametric mid-band EQ with selectable frequency.

AUX / FX SENDS
These section sends a portion of the channel signal to feed stage monitors or the PRO DSP FX, independent of the main mix.

24 BIT STUDIO QUALITY EFFECTS
RCF has selected 16 studio quality effects, designed for everyday use when you need great quality FX without the need of an external FX unit. The F series feature the powerful 24 bits PRO DSP FX effects engine packed with 16 professional effects such as Reverbs (Halls, Rooms, Plates, Spring), Delays (Mono, Stereo and Multitap), Chorus, Flangers and Echoes.
The F 16XR features 10 Mic Preamp Inputs, 4 Mono Line Inputs, 4 Stereo Line Inputs plus multi-FX and Recording via USB port, with balanced main output (Stereo XLR + TRS) and 6 single control compressors. The Mono channels are provided with 3-band EQ, with selectable mid frequency, and 3-band stereo. The mixer features 16 PRO DSP internal presets, two Stereo output busses and 4 Aux sends (2 pre, 1 pre/post, 1 post). It also features 60mm faders.

- PRO DSP FX onboard with 16 presets
- Stereo Recording and Playback via USB port
- 6 single control compressors
- Balanced main output +28 dB (Stereo XLR + TRS)
- Two Stereo output busses and 4 Aux sends (2 pre, 1 pre/post, 1 post)
- 60 mm faders
- Internal Universal Power Supply
- Class Compliant Driverless design
- Designed and Engineered in Italy
- Sturdy Metal Chassis

Useful to create separated audio groups. (F 16XR and F 12XR)
The F 12XR features 6 Mic Preamp Inputs, 4 Mono Line Inputs, 4 Stereo Line Inputs plus multi-FX and Recording via USB port, with balanced main output (Stereo XLR + TRS) and 4 single control compressors. The Mono channels are provided with 3-band EQ and Stereo with 2-band. The mixer features 16 PRO DSP internal presets and 2 Aux sends (1 pre, 1 pre/post fader). It also features a stereo output bus and 60mm faders.

- PRO DSP FX onboard with 16 presets
- Stereo Recording and Playback via USB port
- 4 single control compressors
- Balanced main output +28 dB (Stereo XLR + TRS)
- One Stereo output bus and 2 Aux sends (1 pre, 1 pre/post)
- 60 mm faders
- Internal Universal Power Supply
- Class Compliant Driverless design
- Designed and Engineered in Italy
- Sturdy Metal Chassis

The transparent and accurate single control compressors limit the dynamic behavior of any instrument and voice on your demand. Just plug in the instrument or microphone, adjust gain and shape the dynamics by rotating the single knob. While simple and easy to use, the ultra-musical compressor design smoothens out signal peaks. The resulting signal lets any squashing or pumping sound to perfectly and gently fit your mix.
The F 10XR features 4 Mic Preamp Inputs, 2 Mono Line Inputs, 4 Stereo Line Inputs plus multi-FX and Recording via USB port, with balanced main output (Stereo XLR + TRS) and 2 single control compressors. The Mono channels are provided with 3-band EQ and Stereo with 2-band. The mixer features 16 PRO DSP internal FX presets and an Aux send (post fader) with rotary knob control.

- PRO DSP FX onboard with 16 presets
- Stereo Recording and Playback via USB port
- 2 single control compressors
- Balanced main output +28 dB (Stereo XLR + TRS)
- One Aux/FX (post)
- External Universal Power Supply
- Class Compliant Driverless design
- Designed and Engineered in Italy
- Sturdy Metal Chassis

**USB RECORDING AND PLAYBACK**

Superb, professional-quality recordings straight to your computer. No longer the need for external delicate audio interfaces, multiple connections and levels to check. Just plug in a USB lead from the F 10XR, F 12XR, or F 16XR, to a computer, select the USB routing and you have CD quality recording and stereo playback effortlessly. The driver-less Class Compliant design allows recording and playback from Windows, MacOs and iOS (through USB adapter) without any additional software.
The F 6X features 2 Mic Preamp Inputs, 2 Mono Line Inputs, 2 Stereo Line Inputs plus multi-FX with balanced main output (Stereo XLR + TRS). The Mono channels are provided with 3-band EQ and Stereo with 2-band. The mixer features 16 PRO DSP internal FX presets and an Aux send (post FX) with rotary knob control.

- PRO DSP FX onboard with 16 presets
- Balanced main output +28 dB (Stereo XLR + TRS)
- One Aux/FX (post)
- External Universal Power Supply
- Class Compliant Driverless design
- Designed and Engineered in Italy
- Sturdy Metal Chassis

The best overall quality of its class: touring grade metal construction with plastic protective bumpers on the sides, making it easy to grab the mixers and move them swiftly without difficulty. High contrast graphics and knobs and premium quality connections. The multi-voltage external power supply makes it perfect for worldwide touring use.
**SPECIFICATION**

<table>
<thead>
<tr>
<th></th>
<th><strong>F 16XR</strong></th>
<th><strong>F 12XR</strong></th>
<th><strong>F 10XR</strong></th>
<th><strong>F 6X</strong></th>
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<tr>
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<tr>
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<td><strong>MONO LINE INPUTS</strong></td>
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<td>3 BANDS</td>
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**RCF MIXING CONSOLES**

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