



FC 3

F.E.T. Condenser Microphone

INTRODUCTION

Congratulations on choosing the Golden Age Project FC 3 microphone!

The FC 3 is a high quality dual capsule condenser microphone, inspired by classical microphone models.

The FC 3 is a very versatile microphone with a wide frequency response and a large dynamic range. It will perform great in the studio or in live sound and broadcast applications.

It's sound character is similar to vintage microphones and it is well suited to be used with most instruments and voices.

Use it on vocals and choirs, acoustic and electric guitars and other fretted instruments, as a drum overhead or room mic and in any other application where you would use a big capsule condenser mic.

The FC 3 is, in spite of its low cost, suitable for critical recording applications.

FEATURES

- True condenser mic with 28mm, 3um gold-sputtered low distortion dual capsule mounted on an effective internal shock mount.
- Low noise F.E.T. as first amplifying device.
- Discrete class A electronics with vintage style EQ and transformer balanced output stage.
- Three polar patterns: Cardioid, Omni and Figure 8 gives you several ways to model the sound. The room pick-up, proximity effect and the tonal response changes with the different patterns.
- External switches for high-pass filter and pad.
- Heavy duty brass body. Shock mount included.
- Goldplated XLR. Requires 48V phantom power.

Please note: Specifications can be changed at any time without notice.

USING THE FC 3

The FC 3 can be used with any standard mixer or preamp. Use either a XLR to XLR or XLR to 1/4" plug standard balanced microphone cable.

Please note that the FC 3 needs 48V phantom power. For optimum performance, let the FC 3 warm up for 5-10 minutes before use.

Be aware of the proximity effect (an increase in bass response) when the mic is close to the sound source (the omni pattern has no proximity effect). This can be a good or a bad thing. You can adjust the bass response by changing the distance from the mic to the sound source for an optimum result in different situations. You can also use the high-pass filter.

PRECAUTIONS

- Be careful not to drop the FC 3 or subject it to shock since this can destroy the sensitive capsule.
- Always pack the FC 3 carefully when transporting it.
- The heart of the FC 3 is its capsule. It must be protected from dirt and moisture.

Always use a pop-filter for close-up vocals to protect the capsule from mouth spray.

Always store the FC 3 in its vinyl pouch when it is not in use.

- Protect the FC 3 from strong wind blasts. Do never put in inside or close to the front of a kick drum. Use a pop-filter and place it at least 0,5m away.





- Always connect the FC 3 to the preamp or mixing console BEFORE phantom power is applied and unplug the mic cable AFTER you have turned off the phantom power and waited 10 seconds or more.

This is to avoid possible damage to the electronic circuits in the FC 3.

- Avoid exposing the FC 3 to direct sunlight or extremes in humidity for extended periods of time.

- Do never try to service the FC 3 yourself since this will void the warranty. Should your FC 3 ever need service, please contact your dealer.

WARRANTY

Please check the FC 3 carefully immediately when you receive it and make sure that there are no problems with the microphone. The warranty period is one year and apply to defects in materials and workmanship. It does not cover misuse of the FC 3.

If you ever experience any problem with the FC 3, contact your dealer.

SPECIFICATIONS

Capsule type: True condenser pressure gradient.

Capsule size: 28 mm, 3um gold-sputtered.

Polar pattern: Cardioid, Omni and Figure 8

Frequency response: 20Hz - 20kHz

Sensitivity: 14,5 mV / -37dB (0dB=1V/Pa) @1kHz.

Equivalent Noise Level (A-weighted per IEC 268-4): < 17 dB typical.

Maximum SPL (<1% THD @1kHz): 140 dB.

Output impedance: 250 ohm.

Recommended load impedance: 1000 Ohm or more.

Current consumption: < 3mA.

Dimensions: 50x190 mm. Weight: 470 g.

Operating voltage: 48V phantom power.

Please note: Specifications can be changed at any time without notice.

Many thanks for purchasing the Golden Age Project FC 3

- We wish you much joy and many wonderful recordings with it!

