FOKUS EVX-II
ELECTRONIC FRAME- MULTI-MODE INSTRUCTIONS

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Thank you for purchasing the Fokus EVX-II electronic handle frame. It is designed for your Fokus paintball marker. The EVX-II has a patented system that gives you trouble free performance. There are three modes of operation: semi auto, 3 shot burst and full auto. The LED indicates the mode of operation by flashing at different rates. It has power saving features that will extend the life of the battery. Please read these instructions fully to understand how your EVX-II electronic handle frame operates.

> ## ATTENTION:
> ## SOME FIELDS AND REGIONS WILL NOT ALLOW YOU TO USE A PAINTBALL MARKER WITH CONTINUOUS FIRE OR BURST FIRE. IT IS YOUR RESPONSIBILTY TO ENSURE THAT YOU FOLLOW ALL LOCAL LAWS, RULES AND REGULATIONS THAT PERTAIN TO PAINTBALL MARKERS AND FIRING MODES.

MODES OF OPERATION

SEMI	SINGLE SHOT PER TRIGGER PULL
3 SHOT BURST	3 SHOTS PER TRIGGER PULL
FULL AUTO	CONTINUOUS FIRING UPON TRIGGER PULL

INDICATOR LED

SEMI	LED FLASHES SLOWLY	o——o——o——
3 SHOT BURST	LED FLASHES 3X QUICKLY	ooo—ooo—ooo
FULL AUTO	LED FLASHES QUICKLY	oooooooooooo

ON/OFF SWITCH

The EVX-II board has a slide switch that turns the system on and serves as the safety switch- just like the safety on a mechanical handle frame.

When you turn on the EVX-II the LED will flash slowly indicating you are in the semi mode of operation.

The EVX-II board has a power saving feature that will put the system to sleep after 5 minutes of inactivity. It automatically "wakes up" when you pull the trigger or MODE switch.

MODE SWITCH

Upon power up the EVX-II is in semi auto mode. To change the mode, press the MODE switch. You will see the LED flashing 3 times to indicate 3 shot burst. Press it again and the LED will flash continuously indicating full auto mode.

The LED will flash for 10 seconds after the MODE switch is pressed. After which it will turn off to save power.

If you press the MODE switch after 10 seconds, the LED will first show the current mode of operation. To change the mode of operation, press the MODE switch again.

TOURNAMENT/ SEMI LOCKOUT

In most tournaments and in some regions, full auto or burst fire is illegal. The EVX-II board has a jumper that will force it into the semi mode of operation. If you press the MODE switch the mode of operation will not change and the LED will show that you are in SEMI mode with a slow flashing of the LED.

Turning on tournament/semi lockout

1. Remove the wraparound grip with the 5/64" hex key provided.
2. Locate the jumper at the top of the board. This is a black rectangular piece.
3. Remove the jumper by pulling up on it and place it over the two pins.
4. Push down on the jumper.
5. Attach the wraparound grip.

TRIGGER ADJUSTMENT

The EVX-II has adjustable spring tension for the trigger to suit your taste. There are two set screws above the trigger. The rear set screw is for the spring tension. The front set screw is for the release position. A 1.5 mm hex key is provided for this purpose.

BATTERY

The EVX-II uses a 9 volt (9V) battery. It comes pre-installed with an alkaline battery. When it comes time to replace the battery we recommend that you use a high grade alkaline battery. There is an on board charger that will work with 9 volt or 9.6 volt nickel metal hydride (Ni-MH) batteries. To access the charger port, remove the black cover above the LED. Use a suitable AC adaptor with an output voltage of 12V @ 100mA.

BATTERY REPLACEMENT

Battery life will depend on the mode of operation. Burst and full auto will use the most current from the battery and will drain the battery faster. To change the battery, follow these steps:

1. Remove the wraparound grip with the 5/64" hex key provided.
   There are six screws holding the wraparound grip.
2. Pull out the old battery and remove the battery clip.
3. Install the new battery and insert into the EVX-II frame.
4. Re-install the wrap around grip.

INSTALLING THE EVX-II ELECTRONIC FRAME ON YOUR FOKUS

1. If required, adjust the trigger tension and trigger forward stop to your liking. Turn the power on and make sure that the EVX-II is functioning properly with the new adjustments.
2. Remove the two screws holding the bottom line adaptor using the 5/32" hex key.
3. Remove the existing handle frame using the 1/8" hex key.
4. Using the mounting screws provided, attach the EVX-II electronic frame to the marker.
5. Re-attach the bottom line using the screws provided.
6. You are now ready to use your Fokus with the EVX-II electronic frame.

OTHER IMPORTANT NOTES

1. The EVX-II will allow you to shoot at high rates. We highly recommend the use of a loader that is capable of feeding at least 12 balls per second. If your loader does not feed the paintballs fast enough you may chop the paintballs.

2. You should periodically (after each game) check to see if the screws on the handle frame are loose. The high rate of fire causes a lot of vibration which could loosen some of the screws.

3. Make sure that you lubricate your marker before every use. You should lubricate the upper bolt as well as the hammer. Failure to do this may cause the bolt to seize in the receiver or cause excessive scoring in the receiver bores.

   To lubricate:

   1. Pull out the hammer and bolt assembly.
   2. Remove any existing oil and debris.
   3. Clean the inside bores of the receiver.
   4. Put some oil in the bores of the receiver as well as the hammer and bolt.
   5. Re-install the hammer bolt assembly.

TROUBLESHOOTING

Problem: The EVX-II will not fire
Possible causes:

     1.   Is the power turned on?   Ensure that the safety/ON/OFF switch is in the ON position.
     2.   The battery is weak. Replace or recharge if you have a rechargeable battery.

Problem: The EVX-II fires intermittently
Possible causes:
     1.   The battery is weak. Replace or recharge (if applicable)

Problem: The mode of operation does not change
Possible causes:
     1.   Ensure that when you press the mode switch you feel the switch being pressed. If not this could indicate that the mode switch is faulty. Contact Mokal for assistance.
     2.   When the EVX-II goes to sleep the LED shuts off. On the first mode key press it "wakes up" and shows the current mode of operation. After this you can change the mode of operation.

Problem: I have adjusted the trigger release position and the EVX-II will not fire.
Possible causes:
     1.   The release position of the trigger is not adjusted properly. When you adjust the trigger release to should listen for a click which indicates the micro switch has released.

Problem: The marker is double firing
Possible causes:
     1.   The sear could be worn out which prevents it from catching the hammer. Contact Mokal for replacing the sear.
     2.   The sear spring could be weak. Contact Mokal for replacing the sear spring.
     3.   The hammer in the marker could be worn out. Contact Mokal for replacing the hammer.

FOKUS EVX-II ELECTRONIC FRAME-MULTI MODE ILLUSTRATIONS

TRIGGER FORWARD STOP SCREW

TRIGGER TENSION ADJUSTING SCREW

MOKAL
PAINTBALL PRODUCTS
MOKAL.COM

EVX-II

EVX-II

CHARGER

CHARGER PORT

MODE INDICATOR LED

ON

SAFETY ON/OFF SWITCH

OFF

MODE

MODE SWITCH

PARTS INCLUDED WITH THE EVX-II ELECTRONIC FRAME

2 PCS	HANDLE MOUNTING SCREWS
1 PC	1/8" HEX KEY FOR ABOVE
2 PCS	BOTTOM LINE MOUNTING SCREWS
1 PC	5/32" HEX HEY FOR ABOVE
1 PC	1.5 MM HEX KEY FOR TRIGGER ADJUSTMENT
1 PC	5/64" HEX KEY FOR WRAPAROUND GRIP SCREWS