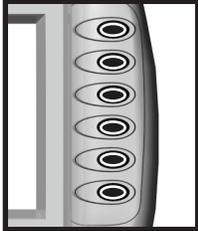


# KPM III ELECTRONIC SEED MONITOR

## QUICK REFERENCE GUIDE

(Phase 2 Software)

### MONITOR KEY FUNCTIONS



#### PHYSICAL KEYS

- Located on R.H. side of console and referred to as F1, F2, F3, F4, F5, F6.
- Keys are referenced in descending order with F1 at the top and F6 at the bottom.



#### ON/OFF

- Powers the unit on and off.



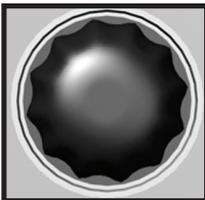
#### ESC

- Used as the CANCEL (escape) key.



#### ENTER

- Confirms or accepts the highlighted selection.



#### ROTARY ENCODER/KNOB

- Turn knob clockwise to scroll down or counterclockwise to scroll up
- Press knob to enter selection.



#### AV (AUDIO/VIDEO) Key

- Set alarm volume.
- Adjust the contrast.
- Adjust backlighting of the LCD display.



#### ACK (ACKNOWLEDGE) Key

- Used to silence (acknowledge) the warning alarm when various error conditions occur.

**NOTE: Alarms can be viewed by pressing the STATUS key.**



#### ARROW KEYS

- UP arrow key is used to move up.
- DOWN arrow key is used to move down.
- LEFT arrow key is used to move to the left.
- RIGHT arrow key is used to move to the right.

**Consult Operator & Parts Manual for detailed information.**

# KPM III ELECTRONIC SEED MONITOR

## QUICK REFERENCE GUIDE

(Phase 2 Software)

### REPROGRAMMING/CONNECTING SENSORS

**NOTE: All sensors (including the seed tubes w/sensors, radar, magnetic distance and shaft rotation sensors) must be unplugged from the harness and/or console and the monitor must be OFF.**



Turn monitor ON. Monitor automatically displays “No Sensors Detected” screen. Press the knob or ENTER key to select OK.

“KINZE Planter Configuration” screen will appear, verify all information is correct. Turn the knob or press the arrows keys to advance to OK. Press the knob or ENTER key.

**Install**

Attach the planter harness into the KPM III. Do NOT connect any of the sensors to the planter harness, with [Auto Detect] selected press the INSTALL key (F1).

Plug in the first sensor (row 1), working from left to right and rear to front (if applicable). When a sensor is connected to the planter harness wait for the monitor to acknowledge with two beeps.

Continue connecting seed sensors along with shaft rotation sensors or speed sensors. Progress will reflect on the LCD screen.

**F1**

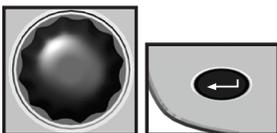
When all of the sensors are installed press the F1 key.

**NOTE: Consult Operator & Parts Manual for detailed information.**

### REPLACING SEED SENSOR(S)



Press F6 key until the “Mode Selection” screen appears. Select “Setup Mode” by turning the knob or press the UP or DOWN arrow keys. Press the knob or ENTER key to display the highlighted item.



Select “Sensor Setup” by turning the knob or press the UP or DOWN arrow keys. Press the knob or ENTER key to display the highlighted item.

**Remove**

Highlight the faulty sensor and press the REMOVE key and unplug sensor. Plug in new sensor and press INSTALL key.

**Install**

Repeat above procedure for each faulty sensor being replaced.

**NOTE: Highlighting a sensor and pressing VIEW gives additional information when troubleshooting a problem. If a faulty sensor has been ignored it may be highlighted in the list of sensors, press REVIVE. The monitor will try to communicate with the sensor. If successful “OK” will appear next to the sensor.**

*Consult Operator & Parts Manual for detailed information.*

# KPM III ELECTRONIC SEED MONITOR

## QUICK REFERENCE GUIDE

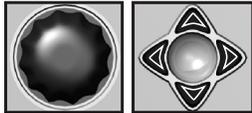
(Phase 2 Software)

### PROGRAMMING/CLEARING THE MONITOR



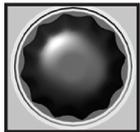
#### CHANGING VOLUME/CONTRAST/BACKLIGHTING

- Press the AV key (once for volume, twice for contrast or three times for backlighting).
- Turn knob or use the LEFT or RIGHT arrow keys to adjust.
- Press the knob or ENTER key to save and exit.



#### SPEED SENSOR CALIBRATION/PROGRAMMING

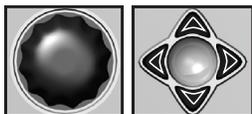
- Press F6 key until "Mode Selection" screen appears and select "Setup Mode" and press the knob or ENTER key.
- Press F6 key to advance to "Speed Sensor Calibration".
- Pull tractor to starting point and then press knob or ENTER key. Travel 330 ft. (100m) and stop tractor even with measured mark.
- Select "Tractor Calibration Done" and then press the knob or ENTER key.



#### PROGRAMMING UNITS



- Press F6 key until "Mode Selection" screen appears and then select "Setup Mode" by turning the knob or using the UP or DOWN arrow keys. Press the knob or ENTER key to display the highlighted item.
- Select "General Settings" by turning the knob or press the UP or DOWN arrow keys. Press the knob or the ENTER key to display the highlighted item.
- Advance to "Row Spacing" field by turning the knob or using the UP or DOWN arrow keys. A drop down number pad will appear. Turn the knob or use the arrow keys to highlight the correct value then press the knob to select the number, for numbers containing more than one digit select one digit at a time. When the desired quantity is displayed, press the ENTER key.
- Advance to "Units of Measure" field by turning the knob or using the UP or DOWN arrow keys.
- Press the knob or ENTER key, a drop down menu will appear. Select either "English" or "Metric" from the drop down menu by turning the knob or using the UP or DOWN arrow keys. Press the knob or ENTER key to make selection.
- Advance to "Area Counters" field by turning the knob or using the UP or DOWN arrow keys. Select "Confirm each enable/disable" press the knob or ENTER key.
- Select either OK or Cancel as appropriate.

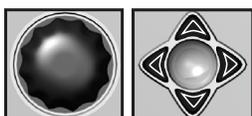


**NOTE: The narrowest row spacing the planter is equipped to plant should be entered for "Row Spacing". Example: 12 Row 30" with Interplant row spacing would be set to 15".**



#### CLEARING AREA COUNTERS

- Press F6 key until "Area Management" screen appears.
- Turn knob or press the UP or DOWN arrow keys to highlight the desired "Area Counter"
- Press the CLEAR key.
- Confirm that the area counter is to be cleared by selecting either OK or Cancel.



**Consult Operator & Parts Manual for detailed information.**

# KPM III ELECTRONIC SEED MONITOR

## QUICK REFERENCE GUIDE

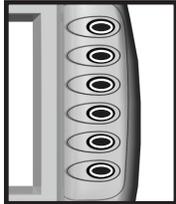
(Phase 2 Software)

### ROW-BY-ROW ALARM LEVEL SETTING



Press F6 key until “Mode Selection” screen appears.

Select “Setup Mode” by turning the knob or press the DOWN arrow key. Press the knob or ENTER key to display the highlighted item.



Select “Row Unit Alarm Levels” by turning the knob or press the DOWN arrow key. Press the knob or ENTER key to display the highlighted item.

To set alarm thresholds for whole planter:

- Select “Whole Planter”.
- Press the key next to the desired threshold.

To set alarm thresholds for all the rows in one section:

- Select “Rear Front” or “Left Right” section.
- Press the key next to the desired threshold.

To set alarm thresholds for individual rows:

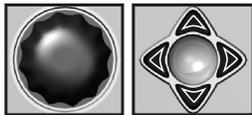
- Select the desired row.
- Press the key next to the desired threshold.

Press the knob or ENTER key to save.

### AREA MANAGEMENT



Press F6 key until “Area Management” screen appears.



Highlight the desired “Area Counter” by turning the knob or press the UP or DOWN arrow keys.

Press the ENTER key to ENABLE or DISABLE.

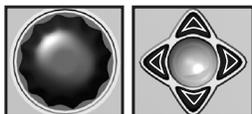
**NOTE: “Total Area Counter” can never be disabled.**

### ENABLE/DISABLE INTERPLANT



Press F6 key until the “Mode Selection” screen appears.

Turn the knob or press UP or DOWN arrow keys to highlight “Disable/Enable Interplant”.



Press the knob or ENTER key to “Disable” or “Enable” Interplant.

To verify selection, the row spacing is displayed on the bottom of the screen.



*Consult Operator & Parts Manual for detailed information.*