AMYSYSTEMS - R-NET ON BOARD PROGRAMMING - (OBP)

QUICK REFERENCE GUIDE

SPEEDS

FORWARD
REVERSE
TURN

PROGRAMING EACH PROFILE

- **ACCEL MAX** ..... *Sets maximum forward acceleration*
- **ACCEL MIN** ..... *Sets minimum forward acceleration*
- **DECEL MIN** ..... *Sets maximum forward deceleration*
- **DECEL MAX** ..... *Sets minimum forward deceleration*
- **SPEED MAX** ..... *Sets maximum forward speed*
- **SPEED MIN** ..... *Sets minimum forward speed*

DRIVE

PROGRAMING EACH PROFILE

- **POWER** : 10 TO 100 (increment of 1.0) ..... *Reduces power to minimize risk of indoor fittings damage*
- **TORQ** (TORQUE) : 0 TO 100 (increment of 1.0) ..... *Torque boost to overcome obstacles at low speed settings*
- **TRMR** (TREMOR DAMPING) : 0 TO 100 (increment of 1.0) ..... *Adjustable damping to reduce the effect of hand tremor*

CONTROLS

ADVANCED CONTROLS

- **STEER CORRECT** : -9 TO +9 ..... *Adjusts the PM output's to compensate for mis-matched motors*
- **ENDSTOP BLEEP** : YES / NO ..... *Sets whether there is a bleep when a seat axis reaches endstop*
- **ACT. ENTRY AXIS** : LAST, 1 TO 12 ..... *Sets the default axis when seat control mode is entered*
- **CHGE PRF IN DRV** : YES / NO ..... *Sets whether profile changes are permissible while driving*
- **SPEED ADJUST** : YES / NO ..... *Sets whether the speed buttons on the JSM are active*
- **SPD ADJ IN DRV** : YES / NO ..... *Sets whether speed setting changes are permissible while driving*
- **REV DRIVING ALARM** : YES / NO ..... *Sets if the reverse driving alarm is active*
- **EMERGENCY STOP** : YES / NO ..... *Allows latched operation without the use of an Em Stop switch*
- **LOCK FN ENABLED** : NONE / SEQUENCE / KEY / BOTH ..... *Sets how the lock function is activated*
- **POWER UP MODE** : LAST, 1 TO 8 ..... *This sets the Mode that will be active when the system is powered-up.*
- **MAX DISPLAY SPEED** ..... *This sets the operation of the graphical speed display*

PROFILED CONTROLS

- **SLEEP TIMER** : 0 TO 30 ..... *Sets the time of inactivity before the system goes to sleep*
- **CHGE MDE IN DRV** : YES / NO ..... *Sets whether mode changes are permissible while driving*
- **BACKGROUND** : BLUE / WHITE ..... *Sets the default background for each profile*

JOYSTICK

- **ACTIVE THROW** : PROFILES 1-7 & ATTENDANT ..... *Sets joystick throw via joystick movements*
- **THROW DETAIL** : THROW PROFILE PROGRAMMING 25-100 (increment of 1.0) ..... *Sets joystick throw via programming*
- **DEADBAND** : 10 TO 50 (increment of 1.0) ..... *Sets the joystick deadband (size of neutral position)*
- **ACTIVE ORIENTATION** : PROFILES 1-7 & ATTENDANT ..... *Sets joystick orientation via joystick movements*
- **ORIENTATION DETAIL** : INV FR / LR / SWAP - YES / NO ..... *Sets joystick orientation via programming*

STANDBY

- **SWITCH TO STDBY** : YES / NO (switch to standby) ..... *Sets whether an external button can be used to enter Standby Mode*
- **STANDBY TIME** : 0 TO 200 (increment of 1.0) (standby timer) ..... *Sets the time of inactivity before Standby Mode is entered*
- **MODE SELECT** : YES / NO (mode select) ..... *Sets whether other modes can be selected from Standby Mode*
- **REMOTE SELECT** : YES / NO (remote select) ..... *Sets whether a profile can be selected from Standby Mode*

CONTROLS (general)

- **SOUNDER VOLUME** : 0 TO 10 ..... *Sets volume of audible feedback from JSM.*
- **HORN VOLUME** : 1 TO 3 ..... *Sets volume of Horn from JSM.*
- **START-UP BEEP** : YES / NO ..... *Sets whether the JSM emits a Power Up Sound*
- **MOMENTARY SCREENS** : YES / NO ..... *Sets whether large screens appear at profile and speed changes*
- **DISPLAY SPEED** : OFF / kph / mph ..... *Sets how the speedometer is displayed in miles per hour or kilometers per hour*
- **DISPLAYS** : BOTH / spd / odo ..... *Sets if Speedometer, Odometer or both is displayed*

LATCHED

(LATCHED PROFILE PROGRAMMING)

- **DRIVE** : ON / OFF ..... *Selects latched drive operation*
- **ACTUATORS** : YES / NO ..... *Selects latched actuator operation*
- **TIMEOUT** : 5 TO 250 (increment of 5.0) ..... *sets the timeout period for latched operation*
- **TIMEOUT BLEEP** : YES / NO ..... *Sets whether a bleep occurs as the timeout period approaches*

ISM ACTUATORS

(ISM PROFILE PROGRAMMING)

- **UP SPEED** : ON / OFF ..... *Sets actuator speed in the up direction*
- **DOWN SPEED** : YES / NO ..... *Sets actuator speed in the down direction*
- **ACCELERATION** : 5 TO 250 (increment of 5.0) ..... *Sets actuator acceleration*
- **DECELERATION** : YES / NO ..... *Sets actuator deceleration*

SM ACTUATORS

NOT USED FOR AMYSYTEMS ALLTRACK SERIES

PROFILES

(PROFILES ENABLED)

- **PROFILE ENABLE** : YES / NO (1-8) ..... *Sets which Profiles are available to the user*

MODES

(MODES PROFILES PROGRAMMING)

- **MODES** : YES / NO (1-8) DRIVE (1) - SEATING (2) - BLUE TOOTH (3) - ECU (4) - IR (5) - OBP (8) ..... *Sets which Modes are available to in each Profile*

INPUT DEVICES

(INPUT DEVICES PROFILES PROGRAMMING)

- **ID TYPE** : UNI / JS / ATT / OMN / SWIT / IOM 1 / IOM 2 / IOM 3 ..... *Sets which Input Device controls a Profile*

SYSTEM

- **DIAGNOSTICS** : DEVIVCE FAULT CODES / LOG ..... *Accesses the system's error logs*
- **TIMERS** : HOURS / MINUTES OF OPERATION ..... *Accesses the system's run timer*
- **JOYSTICK CALIBRATION** : FOLLOW ON SCREEN INSTRUCTIONS (X=0) ..... *Automatic joystick calibration procedure*
- **COPY PROFILE** : FOLLOW ON SCREEN INSTRUCTIONS ..... *Utility to copy one profile to another*
- **LOAD PRESETS** : RESTORE FACTORY SETTING ..... *Restores factory preset values*
- **ADJUST CONTRAST** : USE SPEED WHEEL ..... *Adjusts the contrast of the LCD screen*

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QUICK REFERENCE GUIDE

AMY SYSTEMS

OMNI

GLOBAL

SIP AND PUFF

CALIBRATE : SET SIP & PUFF PRESSURE ..... *This parametre allows the user to set and test the sip and puff pressure*
PUFF THRESHOLD : 10 TO 100 (1.0 increments) ..... *This sets the threshold point between soft and hard puffs*
SIP THRESHOLD : 10 TO 100 (1.0 increments) ..... *This sets the threshold point between soft and hard sips*
DEADBAND : 10 TO 50 (1.0 increments) ..... *This sets the size of the sip / puff's neutral area*
PUFF RAMP UP : 0 TO 2 (0.05 increments) ..... *This sets the time allowed to ramp up to a hard puff from zero pressure*
PUFF RAMP DOWN : 0 TO 2 (0.05 increments) ..... *This sets the time allowed to ramp down to zero pressure from a hard puff*
SIP RAMP UP : 0 TO 2 (0.05 increments) ..... *This sets the time allowed to ramp up to a hard sip from zero pressure*
SIP RAMP DOWN : 0 TO 2 (0.05 increments) ..... *This sets the time allowed to ramp down to zero pressure from a hard sip*
DOUBLE CLICK : 2 sft / 2 hrd ..... *This sets the type of pneumatic command used for double click*
DOUBLE CLICK TIME : 0 TO 2.5 (0.1 increments) ..... *This sets the period of time during which two pneumatic commands must be detected, in order to be interpreted as a 'double-click'*
ACTIVE DOUBLE CLICK : 0 to 2.5 ..... *This parameter allows the user to test whether they can reproduce a pneumatic double-click operation within the period set by Double Click Time*

SCAN SPEED : 0.3 TO 5.0 (increment of 0.1) ..... *This sets the scanning rate of the drive screen when using a Single Switch Scanner Type SID*

SLEEP 12V : ON / OFF ..... *This sets whether the 12V supply to the D-type connectors is present while the Omni is in sleep mode*

PROFILED

PORT PREFERENCE : 1 OR 2 (set for each profile) ..... *This sets which Omni Port is active in a particular Profile*

PORT 1 / PORT 2

SID

PROGRAMMED SID : PRP / SWI / 3 PRP / 3 SIW / SPPF / SCAN ..... *This sets the type of Specialty Input Device, SID, that the Omni will be compatible with*

SWITCHES

USER SWITCH : NC / NO (normally closed / normal open) ..... *This sets whether the Omni is expecting a normally-open or normally-closed User Switch*
SWITCH DETECT : ON / LIMP / OFF ..... *This sets how the Omni will behave if the User Switch becomes disconnected*
9-WAY DETECT : ON / OFF ..... *This sets whether the Omni will expect a "detect link" in a SID connected to the 9-way D-type*
SWITCH LONG : 0 TO 5 (0.25 increments) ..... *This sets the period of time the User Switch must be operated in order to put the Omni into Sleep Mode*
SWITCH MEDIUM : 0 TO 5 (0.25 increments) ..... *This parameter is intended for 3-axis Proportional and Switch Type SIDs only*
SWITCH DEBOUNCE : 30 TO 500 (10 increments) ..... *This sets the debounce time for the User Switch*
DOUBLE CLICK TIME : 0 TO 2.5 (1.0 increments) ..... *This sets the period of time during which two User Switch operations must be detected, in order to be interpreted as a double-click*
ACTIVE DOUBLE CLICK : 0 TO 2.5 (1.0 increments) ..... *This parameter allows the user to set and test the Double Click speed*

CONTROLS

USER CONTROL : SEQ / MENU ..... *This sets how the SID and/or User Switch are used to select the available Profiles and Modes*
RETURN TO : DRV / MENU ..... *This sets the effect of a short operation of the User Switch in a non-Drive Mode when the User Control is set to Menu*
TIMEOUT TO MENU : 0 TO 60 (1.0 increments) ..... *This sets the period of SID inactivity before the User Menu will appear*
MENU NAVIGATION : NORM / INV ..... *This parameter allows the user to invert the navigation direction of the User Menu with their SID*
MENU SCAN RATE : 0 TO 10 (0.25 increments) ..... *This sets the scanning rate for the User Menu, Lights Menu and Settings Menu*
AUTO-REPEAT : ON / OFF ..... *This sets whether there is an auto-repeat function on the direction commands for various SIDs*
FWD/REV AUTO TOGGLE : ON / OFF ..... *This sets the method of changing direction with 3-axis SIDs*
FWD/REV AUTO TOG TIME : 0.5 TO 5 (0.25 increments) ..... *This sets the time within which the user has to operate and release a SID command*
ACTUATOR SELECT : SID / SWI ..... *This sets whether actuator axes are selected via SID commands or via the User Switch*
ACTUATOR AXES : NORM / SWAP / LEFT OR RIGNT / RIGHT OR LEFT .... This sets which SID direction commands are used to select the available actuator axes

USER MENU

POSITION 1 - 16 : Blank / Exit / Modes 1 thru 8 / Speed Adjust / Sleep / Lights / Setteings ..... *This sets the position of menu items within the User Menu*

POSITION TYPE : 1-2 ENTRY / 3-4 SELECT / 5-16 ENTRY ..... *This sets the "type" of the menu item on the screen*

BEEPS

PROFILE CHANGE : OFF / SHORT / LONG ..... *This sets the type of beep that occurs upon a Profile change*
MODE CHANGE : OFF / SHORT / LONG ..... *This sets the type of beep that occurs upon a Mode change*
USER MENU ENTRY : OFF / SHORT / LONG ..... *This sets the type of beep that occurs upon entry to the User Menu*
USER MENU SCROLL : OFF / SHORT / LONG ..... *This sets the type of beep that occurs when scrolling through the User Menu, Lights Menu and Settings Menu*
PROFILE ID : ON / OFF ..... *This can be set to issue a number of beeps corresponding to the Profile number*
AXIS ID : ON / OFF ..... *This sets whether a series of beeps, corresponding to the actuator axis number, occurs when that axis is selected*
POSITION : 1 THRU 16 ..... *This sets the number of beeps that will occur when each line of the User Menu is highlighted*

*SETTINGS

SET TIME : CURRENT TIME ..... *This sets the time of the clock*
DISPLAY TIME : ON / OFF ..... *This sets whether the time is displayed on screen or not*
BACKLIGHT : 0 TO 100% (increments of 10) ..... *This sets the intensity of the backlight*
BACKGROUND : AUTO / WHITE / BLUE ..... *This sets which Screen display will be shown*

TRAINING MODE

FORWARD INHIBIT : ON / OFF ..... *This allows the forward directional command of the SID to be inhibited*
REVERSE INHIBIT : ON / OFF ..... *This allows the reverse directional command of the SID to be inhibited*
RIGHT INHIBIT : ON / OFF ..... *This allows the right directional command of the SID to be inhibited*
LEFT INHIBIT : ON / OFF ..... *This allows the left directional command of the SID to be inhibited*

*USER SETTINGS

SET TIME : CURRENT TIME ..... *This sets the time of the clock*
DISPLAY TIME : ON / OFF ..... *This sets whether the time is displayed on screen or not*
BACKLIGHT : 0 TO 100% (increments of 10) ..... *This sets the intensity of the backlight*
BACKGROUND : AUTO / WHITE / BLUE ..... *This sets which Screen display will be shown*

**Note: can also be accessed without dongle. See owners manual for details.*