

LETTER FROM THE PRESIDENT .....	2
SAFETY .....	3
QUICK START .....	8
CONE FIRE .....	8
RAMP/HOLD .....	8
SET-UP .....	9
CONTENT LIST .....	9
ANATOMY OF A KILN .....	9
ELECTRICAL CHECK LIST .....	10
LOCATING THE KILN .....	10
PREPARATION .....	11
TEST FIRING.....	12
PROGRAMMING.....	13
GENERAL PROGRAMMING INFORMATION.....	13
LED DISPLAY.....	13
IDLE MODE.....	13
START/STOP/ENTER .....	13
DELAY.....	13
ALARM .....	14
MENU .....	14
REVIEW .....	14
VIEW .....	14
CONE TABLE .....	14
DURING THE FIRING .....	15
AFTER THE FIRING .....	15
FINE TUNING YOUR KILN .....	15
CHOOSING A PROGRAMMING MODE .....	16
PROGRAMMING CONE FIRE MODE.....	17
ADVANCED CONE FIRE MENU FEATURES .....	19
WRITING CUSTOM CONE FIRE PROGRAMS .....	19
SLOW COOLING (CONE FIRE CONTROLLED COOLING) .....	19
PROGRAMMING RAMP/HOLD MODE .....	20
ADVANCED FEATURES .....	22
16 SEGMENT PROGRAMS.....	22
CONE CORRELATION .....	22
RUNNING A STORED RAMP/HOLD PROGRAM .....	22
MENU FEATURES .....	23
KILN MASTER MENU TREE .....	23
NEW FEATURES .....	24
NEW MENU LAYOUT.....	24
GENERAL PROGRAMMING TIPS .....	24

PROGRAMMING INSTRUCTIONS .....	25
SETTINGS.....	25
DIAGNOSTICS .....	25
CONFIGURATION.....	26
OTHER .....	30
<b>TROUBLESHOOTING.....</b>	<b>31</b>
GETTING HELP .....	31
ERROR CODES.....	31
QUESTIONS AND ANSWERS .....	36
<b>PREVENTATIVE MAINTENANCE.....</b>	<b>38</b>
<b>REPAIRS.....</b>	<b>39</b>
REPLACING WALL BRICK .....	39
LID MAINTENANCE .....	40
FLOOR REPAIRS .....	40
REPLACING ELEMENTS .....	40
REPLACING THERMOCOUPLE ELEMENT ON KM AUTOMATIC KILNS .....	41
KILNMASTER CONTROLLER CIRCUITRY .....	41
<b>APPENDICES.....</b>	<b>42</b>
APPENDIX 1 — DISASSEMBLING MULTI-SECTION KILNS .....	42
APPENDIX 2 — USING THE LID LIFTER .....	42
APPENDIX 3 — HEAT WORK (CONES) .....	44
APPENDIX 4 — LOADING TIPS.....	45
APPENDIX 5 — ELECTRICAL REQUIREMENTS .....	46
APPENDIX 6 — SET-UP AND SPECIFICATIONS FOR SKUTT PK KILNS.....	49
APPENDIX 7 — SETUP FOR THE KM 1627 .....	51
APPENDIX 8 — THE WALL-MOUNTED KILNMASTER CONTROLLER .....	53
APPENDIX 9 - PRIMARY DISPLAY MESSAGES .....	55
<b>WIRING DIAGRAMS.....</b>	<b>57</b>
<b>MY PROGRAMS .....</b>	<b>66</b>