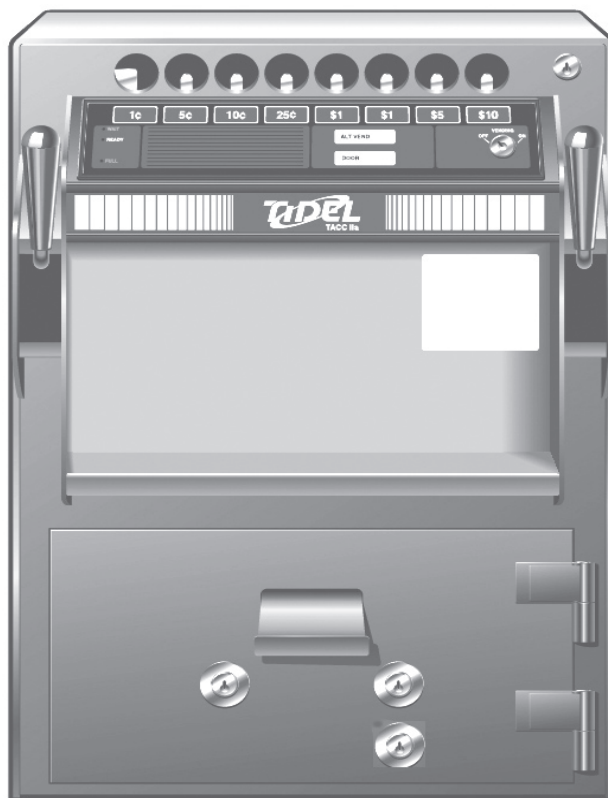




TACC-IIa Service Manual



To maintain proper working order, we recommend you read this manual completely.

The Manufacturer's Warranty is limited to defects in workmanship and equipment hardware. Repairs due to lack of Preventive Maintenance (and Preventive Maintenance itself), are not covered by the Manufacturer's Warranty.

Items not covered by warranty, but not limited to:

Abuse
Coin Jams
Tube Jams
Bill Jams
Envelope Jams
Damage due to spillage
Equipment resets
Phone fixable problems
User operational problems
Equipment or software upgrades
Consumables - Dipsticks, vend tubes, envelopes, etc...

Copyright © 2004 by TIDEL ENGINEERING, L.P.

All rights reserved. No part of this manual may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, except as may be expressly permitted by the applicable copyright statutes or in writing by Tidel Engineering, L.P.

For information, write:

Tidel Engineering
2025 W. Belt Line Rd, #114, Carrollton, TX 75006, (972) 484-3358

Contents

Specifications	2
Unpacking	3
Installation and Start-up	4
Problem Identification By Component	5
General Information	6
Serial Number information	6
Control Panel	8
Door	10
Fuse	11
Keyswitch (Courier/Instant Access)	12
Keyswitch (Dispensing/Vending)	12
Keyswitch (Manager/Time Delay)	13
Lock (Door Bolt)	14
Lock (Vend Tube Lock Bar)	14
Magazine	15
PCB, Main	16
PCB, Motor Controller	17
Power Supply	18
Sensors (Door and Vending)	20
Solenoid (Door)	21
Vending Components (Motors, Cradles, Timing Disks)	22
Control Panel Indications	23
Troubleshooting Guide	29
Service Diagnostic Switch Instructions	37
Illustrations	45

TACC-IIa PRODUCT LINE WARRANTY

LIMITATIONS OF WARRANTIES AND REMEDIES FOR PRODUCTS DELIVERED TO LOCATIONS WITHIN THE UNITED STATES AND CANADA

A. LIMITED WARRANTIES - SUBJECT TO THE TERMS SET FORTH BELOW, TIDEL ENGINEERING, L.P., A TEXAS LIMITED PARTNERSHIP ("Tidel") WARRANTS ONLY TO THE PERSON OR ENTITY WHO PURCHASES THE PRODUCT DIRECTLY FROM TIDEL OR FROM A TIDEL AUTHORIZED RESELLER THAT, should the Product prove defective by reason of improper workmanship or materials, Tidel will replace all necessary electrical, electronic and mechanical parts with new or factory reconditioned replacement parts, without a charge for the parts for twenty four (24) months, and without a charge for the authorized service dealer labor for twenty four (24) months after the original installation of the Product, PROVIDED, HOWEVER, THAT IN NO EVENT SHALL THIS LIMITED WARRANTY EXTEND FOR MORE THAN THIRTY (30) MONTHS AFTER THE DATE THE PRODUCT IS SHIPPED FROM TIDEL'S FACTORY IN CARROLLTON, TEXAS. It shall be Tidel's sole decision whether to use new, factory, reconditioned or replacement parts in any such repair or replacement. THE REMEDIES DESCRIBED HEREIN SHALL BE THE SOLE, EXCLUSIVE AND ONLY REMEDIES OF DIRECT BUYER AND END USER FOR BREACH OF THIS LIMITED WARRANTY.

B. DISCLAIMER OF WARRANTIES - TIDEL DISCLAIMS ANY WARRANTY WHATSOEVER AND THE LIMITED WARRANTIES CONTAINED HEREIN WILL BE VOID OR VOIDABLE BY TIDEL IF: (i) the Product or any parts, including, without limitation, its electrical, electronic or mechanical parts, specifically including all dispensing modules, have been installed, relocated, altered, repaired or serviced by any individual or other entity not authorized by Tidel to provide such services; (ii) the serial number on the Product or any parts have been altered or removed; (iii) the Product or any parts have been subjected to accident, misuse, abuse, or negligence; (iv) the Product or any of its parts have been used or operated contrary to or in violation of the instructions, warnings, or manuals accompanying the Product or any of its parts, including without limitation the failure to timely or properly clean the Product or any of its parts or to timely or properly perform any preventative maintenance of the Product or any of its parts; or (v) the Product is not connected to a dedicated, grounded electrical outlet or installed with a line conditioner approved by Tidel. Parts that are considered consumable (including, but not limited to, dipsticks, keys, vend tubes, and envelopes) are not included in this limited warranty except to the extent that these items are shipped in new, proper working condition from the Tidel Factory with the Product. This limited warranty does not cover any currency jam in any mechanism that is a part of the Product. THE LIMITED WARRANTIES STATED HEREIN INCLUDE PARTS AND LABOR ONLY AS SET FORTH IN PARAGRAPH A ABOVE AND EXCLUDE ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, RELATING TO THE USE OR PERFORMANCE OF THE PRODUCT AND THE PARTS, WHETHER OR NOT PURPOSES OR SPECIFICATIONS ARE DESCRIBED OR PROVIDED BY TIDEL WITH RESPECT TO THE PRODUCT OR PARTS.

C. LIMITATIONS OF REMEDIES - TIDEL'S LIABILITY TO DIRECT BUYER AND TO END USER, FOR ANY CAUSE WHATSOEVER, AND REGARDLESS OF THE FORM OF ACTION, WHETHER IN CONTRACT OR IN TORT (INCLUDING NEGLIGENCE ACTIONS), OR OTHERWISE, ARISING IN CONNECTION WITH THE PRODUCT, PARTS OR THE FOREGOING LIMITED WARRANTIES SHALL BE LIMITED TO THE COST OF REPAIR AND REPLACEMENT OF THE PRODUCT OR PARTS IN ACCORDANCE WITH THE LIMITED WARRANTIES. TIDEL SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGE OR LOSS OF OTHER PROPERTY OR EQUIPMENT, LOSS OF PROFITS OR REVENUE, LOSS OF SAVINGS, LOSS OF OR INABILITY TO USE OF THE PRODUCT OR ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF PURCHASED OR REPLACEMENT PARTS OR EQUIPMENT, LOSS OF OPPORTUNITY, LOSS OF BUSINESS, DOWNTIME, INJURY TO PROPERTY, PERSONAL INJURY, OR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES ARISING IN CONNECTION WITH CLAIMS OF THIRD PARTIES.

D. INSPECTION OF THE PRODUCT OR PARTS; TIME LIMIT FOR CERTAIN CLAIMS - Direct Buyer and End User are responsible for inspecting and shall inspect the Product and any parts upon receipt and shall notify Tidel at 2025 W. Beltline Road #114, Carrollton, Texas 75006-6453 in writing by certified mail, return receipt requested (postage pre-paid, deposited with the United States Postal Service) of any claims, including claims for breach of limited warranties, within thirty (30) days after the Direct Buyer or End User discovers or should have discovered the facts upon which the claim is based. The failure to give written notice of a claim to Tidel within this time period shall constitute a waiver and relinquishment of such claim.

E. REGISTRATION OF THE PRODUCT - The registration card enclosed with the Product must be mailed by the Direct Buyer (if the Product is sent from the Tidel Factory to the Direct Buyer) or by End User (if the Product is sent from the Tidel Factory to the End User) to Tidel Engineering, L.P., 2025 W. Beltline Road #114, Carrollton, Texas 75006, within ten (10) days after the date of original installation of the Product. If the registration card is not on file at Tidel, the installation date will be presumed to be thirty (30) days after the Product is shipped from the Tidel Factory.

F. LIMITATION OF LIABILITY - The limited warranties of Tidel shall be subject in all respects to the limitations, disclaimers, and exclusions set forth herein. No action, regardless of form, arising out of this limited warranty may be commenced more than one (1) year after the cause of action has occurred.

G. CHOICE OF LAWS; VENUE - This document shall be construed, interpreted and enforced by applying the law of the state of Texas and without applying principles of conflicts of laws and without giving regard to any international convention for the sale of goods. The provisions stated in this document shall be enforced against Direct Buyer and End User to the maximum extent permitted under applicable law. All disputes arising hereunder shall be submitted to a state or federal court of competent jurisdiction within Dallas County, State of Texas.

For the name of your nearest Tidel service dealer or to
contact Tidel about a claim or otherwise, contact
972-484-3358 (Toll Free: 1-800-678-7577)
Tidel Engineering, 2025 W. Beltline Road #114
Carrollton, Texas 75006-6453