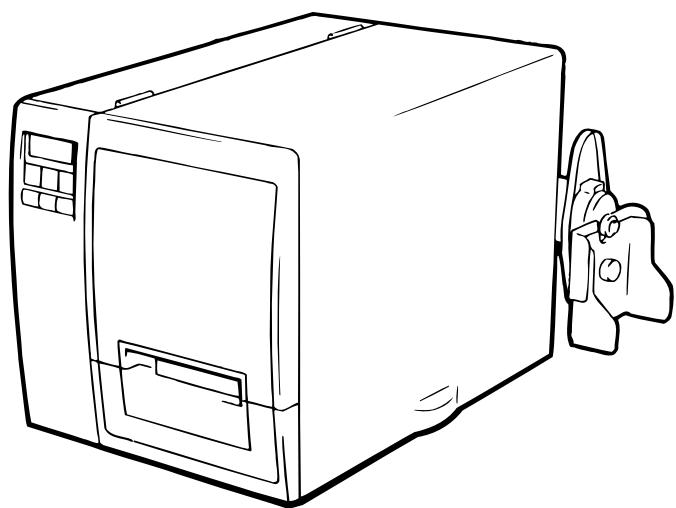


TEC

TEC Color Printer

CB-416-T3-QQ

Owner's Manual



TOSHIBA TEC CORPORATION

Table of Contents

1. Product Overview	1
1.1 Introduction	1
1.2 Features	1
1.3 Unpacking	1
1.4 Accessories and Options	2
1.4.1 Accessories	2
1.4.2 Cool Release Enhancement Kit	3
1.4.3 Options	3
1.5 Appearance	4
1.5.1 Dimensions	4
1.5.2 Front View	4
1.5.3 Rear View	4
1.5.4 Operation Panel	5
1.5.5 Interior	5
2. Printer Installation	6
2.1 Installing the Accessories	6
2.1.1 Fan Filters	6
2.1.2 Media Slide	6
2.1.3 Supply Shaft Holder	6
2.2 Connecting the Printer to Your Computer	7
2.3 Connecting the Power Cord	8
2.4 Turning on/off the Printer	9
2.4.1 Turning on the Printer	9
2.4.2 Turning off the Printer	10
2.5 Loading the Media	11
2.5.1 Additional Information	16
2.6 Sensor Adjustments	17
2.6.1 Black Mark Sensor	17
2.6.2 Feed Gap Sensor	18
2.6.3 Media Sensor Sensitivity Adjustment	19
2.7 Loading the Ribbons (for Hot Release Ribbons)	21
2.7.1 Ribbon Positions	21
2.7.2 Loading Procedure	21
2.8 Loading the Ribbons (for Cold Release Ribbons)	24
2.8.1 Precautions	24
2.8.2 Installing the Ribbon Plate	25
2.8.3 Installing the SP Ribbon Guides	26
2.8.4 Installing the Ribbon Tension Sheet	27
2.8.5 Loading the Cold Release Ribbons	28
3. Printing	29
3.1 Installing the Printer Driver	29
3.1.1 System Requirements	29
3.1.2 Installation Procedure (For Windows®98)	29
3.1.3 Uninstalling the Printer Driver	35
3.2 Properties	37
3.2.1 Displaying Printer Properties	37
3.2.2 Summary of Properties	38
3.3 Page Setup	39
3.3.1 Selecting a label size	39
3.3.2 Creating a new label size	40
3.3.3 Orientation	41
3.3.4 Miscellaneous	42
3.4 Graphics	46
3.4.1 Dithering	46
3.4.2 Intensity	47
3.4.3 Color	47
3.4.4 Color Registration	47
3.4.5 Spot Color Setup	49
3.4.6 Spot Color Printing	50
3.5 Bar Fonts	51
3.5.1 Specifying a New Font Style	52

Table of Contents

3.6 Stock	54
3.6.1 Print Method	54
3.6.2 Sensor	54
3.6.3 Label Gap	54
3.6.4 Issue Settings	55
3.6.5 Fine Adjustment	56
3.7 Options	57
3.7.1 Transfer Mode	57
3.7.2 Print Density Adjustment	57
3.8 Device Settings	58
3.8.1 Maintenance	59
3.8.2 Testing	59
3.9 Print Test	60
3.9.1 Procedures	60
3.10 Printing a Label	61
4. Online Mode	64
4.1 Operation Panel	64
4.2 Operation	65
4.3 Reset	65
5. Maintenance	66
5.1 Cleaning	66
5.1.1 Print Head/Platen	66
5.1.2 Pinch Roller/Feed Roller/Media Guide	67
5.1.3 Fan Filters	67
5.1.4 Covers and Panels	68
5.1.5 Ribbon Modules	68
6. Troubleshooting	69
6.1 Error Messages	69
6.2 Possible Problems	71
6.3 Removing Jammed Media	72
6.3.1 From the Pinch Roller Unit	72
6.3.2 From the Print Head Block	72
6.4 When the Ribbon is Torn Apart	73
Appendix 1 Specifications	74
A1.1 Printer	74
A1.2 Options	75
A1.3 Media	75
A1.3.1 Media Type	75
A1.3.2 Detection Area of the Transmissive Sensor	76
A1.3.3 Detection Area of the Reflective Sensor	77
A1.3.4 Effective Print Area	77
A1.4 Ribbon	78
Appendix 2 DIP Switches	79
A2.1 DIP Switch A	80
A2.2 DIP Switch B	81
A2.3 Ribbon Near End Detection	82
Appendix 3 Quick Reference for Printing	83
Appendix 4 Message and LED	86
Appendix 5 System Mode	88
A5.1 Operation Panel	88
A5.2 Overview	89
A5.3 Self-Diagnostic Test	91
A5.4 Parameter Setting	92
A5.5 Test Print	101
A5.6 RAM Clear	104
A5.7 Additional Information	106
A5.7.1 Self-Diagnostic Test Result Sample and Descriptions	106
A5.7.2 Maintenance Counter/Parameter Check Print Sample and Descriptions	107
A5.7.3 Cut Operation Example	108
A5.7.4 Pulse Motor Speed	108
A5.7.5 X-Coordinate Fine Adjustment	108
A5.7.6 Magnified Views of Slant Line Pattern	108
A5.7.7 Initial Values after Clearing the Maintenance Counter (MAINTE.CNT.CLEAR)	109
A5.7.8 Initial Values after Clearing the Parameter (PARAMETER CLEAR)	110
A5.7.9 Initial Values after Clearing the Print Distance (PRINT STEP CLEAR)	111
Appendix 6 Interface	112

This is a “Table of Contents preview” for quality assurance

The full manual can be purchased from our store:

[https://the-checkout-tech.com/manuals/TEC/CB-416-T3 owners manual.html](https://the-checkout-tech.com/manuals/TEC/CB-416-T3%20owners%20manual.html)

And our free Online Keysheet maker:

<https://the-checkout-tech.com/Cash-Register-Keysheet-Creator/>

[HTTPS://THE-CHECKOUT-TECH.COM](https://THE-CHECKOUT-TECH.COM)