
17.0 USER INTERFACE

The terminal shall have the following user interface for easy operation.

17.1 DISPLAY

A 40 digits(20 x 2 lines) - 5 x 7 dots with cursor matrix LCD indicates for informing the operator of the status of the terminal. Alpha-numeric and symbols can be displayed.

The table of character set is shown in Appendix K.

In STANDBY mode

The display indicates the date and time, memory remaining capacity.

In all other modes

The display indicates the status of the terminal to the operator or to prompt the operator for further input.

17.2 KEYBOARD

(1) FORWARD KEYS

Enter Button

Used to confirm input of the programmed operation(selection of menu items, entering the data, etc.).

Resolution Button

Actuation switches between Super Fine, Fine, Standard, and Photo resolution of the copied or transmitted document. Three LEDs shows current resolution which selected by this key.

One-Touch Buttons

With document(s) loaded, pressing one of these buttons starts transmission in one touch operation.

Redial / Pause Button

1. Used for last number re-dialing.
2. During telephone number entry, this key enables operator to enter a pause symbol into the telephone number sequence.

0-9, *, # (Telephone Key Pad)

1. Used for entering alphabet or numeric.
2. Used for direct dialing.
3. Used for directory dialing.
4. Used for selecting menu items.

Menu / (UP KEY)

1. In idle mode, used to start menu mode operation.
2. In programming mode or menu mode, used for scrolling up of the display field in selecting functions.

V (DOWN KEY)

Used for scrolling down of the display field in selecting functions.

> (RIGHT KEY)

1. In programming mode, used to move cursor to the right direction or enter a space.
2. In menu mode and directory dialing, used for scrolling the display to right field.

< (LEFT KEY)

In programming mode or menu selection mode, this key is treated as a LEFT ARROW key.

Stop Button

Actuating STOP cancels any error or active mode the terminal is in and causes it to return to STANDBY mode.

Start Button

1. Used for entering the programmed operation(selection of menu items, entering the data, etc.). Also this key is treated as Enter key in programming mode.
2. Actuation in OFF-HOOK mode and ON-HOOK dialing mode activates facsimile communication.

Copy Button

When document is ready, actuation causes Copy operation.

Job Status Button

This key allows the operator to view background job(s) status in the LCD display. If one facsimile job is processing, the status of the communication is display for 10 seconds. In case of no jobs are in process, the number of pending job is displayed. During viewing background job, Cancel key allows operator to cancel the active job.

Cancel Job Button

Used for cancellation of incomplete transmission, broadcasting, polling, etc. Pressing this key in idle mode, it shows menu of communication category. Pressing this key during showing the active job by pressing Job Status key, operator can cancel active job of background.

Manual Group Button

Used for one time broadcasting and one time group polling. The operator can enter plural destinations after pressing this key.

Manual Dial Button

Used for on-hook dialing.

Contrast Button

Actuation switch between Normal, Lighter and Darker of the contrast of the copied and transmitted document.

Insert Button

Used to change the data entry mode of dial directory name and terminal name between "overwrite" to "insert".

Delete Button

Used for deleting a letter in the dial directory name and terminal name.

Power save Button

Used for activate and deactivate SUPER POWER SAVE MODE.

Reduce Copies Button

Used for selecting the following copy reduction rate. Five LEDs shows current reduction rate which selected by this key.

100%, Auto Fit, 86%, 75%, 50%

Phonebook Button

Used for printing One-touch Number List, Speed Dial List, Group Number List and Relay Number List.

Exit Button

Same as Stop Button

Shift Button (Model H only)**(2) DIRECT FEATURES ACCESS KEYS****Confirmation**

Actuation switches between ON and OFF of printing TRANSMISSION REPORT and BROADCAST REPORT for each sending transaction and MULTI POLLING REPORT for polling transaction.

Chain Dial

Used for chain(sequential) dialing.

Phonebook Setup

Used for programming One-touch Number, Speed Dial, Group Number and Relay Number.

Direct Send

Used for send from tray function.

Activity

Used for printing of one communication journal.

17.3 AUDIBLE ALARM

Single short beep indicates confirmation of valid key input while single two seconds beep indicates warning of a invalid key input.

The following items can be adjusted by operator.

1. Speaker volume of calling/ring tone
2. Speaker volume for key touch tone
3. Alarm tone
4. Line monitor tone

17.4 MULTI LANGUAGE AND COUNTRY SETTING

Language for display and print texts can be selected by the users. Default language is automatically decided by the country setting. Enabled and disabled functions are also decided automatically depending on the country setting.

The configuration table of languages and functions is shown in Appendix L.

17.5 INDICATORS

Line LED(ICON)

Indicate when machine holds the Line.

PC Comm. LED(ICON)

Indicate when machine is communicating with PC.

Alarm LED

Light up when the machine has experienced a fault, or shortage of consumable.

Superfine LED

This LED is on, when the document (s) is scanned in ITU-T G3 facsimile Super Fine mode.

Fine LED

This LED is on, when the document (s) is scanned in ITU-T G3 facsimile Fine mode.

Photo LED

When this LED is on, it indicates that the document (s) will be scanned or copied in HALF TONE mode.

Darken LED

When this LED is on, it indicates that the document (s) will be scanned or copied in darker contrast

Lighten LED

When this LED is on, it indicates that the document (s) will be scanned or copied in lighter contrast

Power Save LED

When this LED is on, it indicates that the terminal is in SUPER POWER SAVE MODE or the terminal will go to SUPER POWER SAVE MODE after all pending jobs are completed or the timer which programmed by the operator is up.

100% LED

When this LED is on, it indicates that the document(s) will be copied without reduction.

Auto Fit LED

When this LED is on, it indicates that the document(s) will be copied with automatic reduction.

86%, 75%, and 50% LEDs

When one of these LED is on, it indicates that the document(s) will be copied with fixed reduction rate.

17.6 SENSORS / COUNTER (TBD)
This section describes the overall function of the sensors present in the product.

DOCUMENT DETECT SENSOR
Located in the ADF, this sensor detects if a document is in the ADF.

DOCUMENT SCAN POSITION SENSOR
Located in the ADF, this sensor detects if a document is on standby.

PRINTER COVER OPEN SENSOR
Located in the Printer Unit, this sensor detects if printer cover is open.

TONER END SENSOR
Located in the Printer Unit, this sensor detects if toner is low, and the low toner warning is displayed. After 550 further prints, printing is inhibited and the replace toner message is displayed.

PAPER EMPTY SENSOR
Located in the Printer Unit, this sensor detects if paper (s) is in the cassette.

PAPER FEED SENSORS
Located in the Printer Unit, this sensors detect if a paper is at its position.

DRUM LIFE COUNTER
There is three method to detect drum Life. In case if INTERLAGOS detects one of the condition below, it shall detect “Drum Life Warning” or “Replace Drum”.

When the drum counter reaches 19,000 sheets (converted as A4 size paper), terminal shall detect “Drum Life Warning”.
When the drum counter reaches 20,000 sheets, terminal shall detect “Replace Drum”, and terminal shall stop printing.

- 18.0 SERVICEABILITY(TBD)
- 18.1 MAIN PCB UNIT(TBD)
- 18.2 HIGH VOLTAGE POWER SUPPLY(TBD)
- 18.3 FUSER UNIT(TBD)
- 18.4 ADF ROLLER AND CIS(TBD)
- 18.5 OPE UNIT(TBD)
- 18.6 DOCUMENT SENSOR(TBD)

end of specification

APPENDIX A PRODUCT CONFIGURATION TABLE

Interlagos_H		XC										XE																											
Market	Product Version	US/CA		LA/10		LA/20		EU GEN								XC																							
		US	CA	LA/10	LA/20	AO LAM(100V)	AO LAM(200V)	DE	GB	NL	IT	AT	BE	CH	SE	DK	NO	FI	PT	FR	ES	GR	IE	BO	TR	YU	CZ	RU	UA	HU	PL	ZA	SK	SI	Croatia	EE	LT	LV	IL
Scanner	Max. Original Width	A4 Letter(8.5")		A4 Letter(8.5")		A4 Letter(8.5")		A4 Letter(8.5")										A4 Letter(8.5")																					
	Scanning Width	A4 Letter(8.5")		A4 Letter(8.5")		A4 Letter(8.5")		A4 Letter(8.5")										A4 Letter(8.5")																					
	Paper Size	A4 Letter(8.5")		A4 Letter(8.5")		A4 Letter(8.5")		A4 Letter(8.5")										A4 Letter(8.5")																					
	Control Panel	English(en): Blankscreen + Icon(Tone Key)		English(en): Blankscreen + Icon(Tone Key)		English(en): Blankscreen + Icon(Tone Key)		English(en): Blankscreen + Icon(Tone Key)										English(en): Blankscreen + Icon(Tone Key)																					
	Language	English(en): Blankscreen + Icon(Tone Key)		English(en): Blankscreen + Icon(Tone Key)		English(en): Blankscreen + Icon(Tone Key)		English(en): Blankscreen + Icon(Tone Key)										English(en): Blankscreen + Icon(Tone Key)																					
Memory	Standard	Xerox		Xerox		Xerox		Xerox										Xerox																					
	Option	32MB		32MB		32MB		32MB										32MB																					
Modem	Standard	N/A		N/A		N/A		N/A										N/A																					
	Option	V.34 Modem		V.34 Modem		V.34 Modem		V.34 Modem										V.34 Modem																					
PC I/F	Connector (B/D/I Parallel)	Yes		Yes		Yes		Yes										Yes																					
	Software	Yes (PDCC)		Yes (PDCC)		Yes (PDCC)		Yes (PDCC)										Yes (PDCC)																					
2nd Paper Cassette (500sheets)	Option	Option		Option		Option		Option										Option																					
	Power Supply	AC 100-127V 4-10% (100V - 140V)		AC 100-127V 4-10% (100V - 140V)		AC 230-240V 4-10% (198V - 264V)		AC 230-240V 4-10% (198V - 264V)										AC 230-240V 4-10% (198V - 264V)																					
NCU	Voltage	AC 100-127V 4-10% (100V - 140V)		AC 100-127V 4-10% (100V - 140V)		AC 230-240V 4-10% (198V - 264V)		AC 230-240V 4-10% (198V - 264V)										AC 230-240V 4-10% (198V - 264V)																					
	Initial for Power Cable	Init		Init		Init		Init										Init																					
	PCB Type	US		US		US		US										US																					
	FG Cable	Yes		Yes		Yes		Yes										Yes																					
	Line Connection (RJ-11)	Pin 1	-		-		-		-										-																				
Tel Connection (RJ-11)	Pin 2	-		-		-		-										-																					
	Pin 3	-		-		-		-										-																					
	Pin 4	-		-		-		-										-																					
	Pin 5	-		-		-		-										-																					
	Pin 6	-		-		-		-										-																					
Software	FW Type	US Type		US Type		US Type		US Type										US Type																					
	Default Language	English(en)		English(en)		English(en)		English(en)										English(en)																					
	Language Type	English(en),French(fr),Spanish(es),Portuguese(pt)		English(en),French(fr),Spanish(es),Portuguese(pt)		English(en),French(fr),Spanish(es),Portuguese(pt)		English(en),French(fr),Spanish(es),Portuguese(pt)										English(en),French(fr),Spanish(es),Portuguese(pt)																					
	Country Setting	US		US		US		US										US																					
	Data Label	Model Name, Voltage, Ampere, Frequency, Radio, UUCULC, FCC, FDA, XEROX Manufacture, Monthly/Year of Manufacture, Made in Malaysia		Model Name, Voltage, Ampere, Frequency, Radio, UUCULC, FCC, FDA, XEROX Manufacture, Monthly/Year of Manufacture, Made in Malaysia		Model Name, Voltage, Ampere, Frequency, Radio, UUCULC, FCC, FDA, XEROX Manufacture, Monthly/Year of Manufacture, Made in Malaysia		Model Name, Voltage, Ampere, Frequency, Radio, UUCULC, FCC, FDA, XEROX Manufacture, Monthly/Year of Manufacture, Made in Malaysia										Model Name, Voltage, Ampere, Frequency, Radio, UUCULC, FCC, FDA, XEROX Manufacture, Monthly/Year of Manufacture, Made in Malaysia																					
Appearance	PTT Label	Yes (if DOG)		Yes (if DOG)		Yes (if DOG)		Yes (if DOG)										Yes (if DOG)																					
	Fuser Caution Label	Yes (if English, French, German, Spanish, Japanese)		Yes (if English, French, German, Spanish, Japanese)		Yes (if English, French, German, Spanish, Japanese)		Yes (if English, French, German, Spanish, Japanese)										Yes (if English, French, German, Spanish, Japanese)																					
	Laser Safety Label	Yes		Yes		Yes		Yes										Yes																					
	Energy Star Label	Yes		Yes		Yes		Yes										Yes																					
	Canadian Environment Label	Yes		Yes		Yes		Yes										Yes																					
Carton Box	Tig Mark & Serial No. Label	Yes		Yes		Yes		Yes										Yes																					
	Arwork	English(en),French(fr)		English(en),French(fr)		English(en),French(fr)		English(en),French(fr)										English(en),French(fr)																					
	Bar Code Label	Yes		Yes		Yes		Yes										Yes																					
	Canadian Environment Mark	Yes		Yes		Yes		Yes										Yes																					
	Recycle Mark	Yes		Yes		Yes		Yes										Yes																					
Accessories	Energy Star Logos	Yes		Yes		Yes		Yes										Yes																					
	Overlay	No		No		No		No										No																					
	Handset	Option		Option		Option		Option										Option																					
	Tel Line Cable	RJ11(RJ11(2))		RJ11(RJ11(2))		RJ11(RJ11(2))		RJ11(RJ11(2))										RJ11(RJ11(2))																					
	Power Cable	110V (US) Plug		110V (US) Plug		220V (AU) Plug		220V (AU) Plug										220V (AU) Plug																					
Supply	Printer Parallel Cable	TBD		TBD		TBD		TBD										TBD																					
	Document Tray	Yes		Yes		Yes		Yes										Yes																					
	Paper Exit Tray	Yes		Yes		Yes		Yes										Yes																					
	Drum Cartridge	Yes		Yes		Yes		Yes										Yes																					
	Toner Cartridge (with Developer)	Yes		Yes		Yes		Yes										Yes																					
Supply	CD-ROM	Yes (Multi Language)		Yes (Multi Language)		Yes (Multi Language)		Yes (Multi Language)										Yes (Multi Language)																					
	One Touch Label	Yes		Yes		Yes		Yes										Yes																					
	Quick Reference Card	Yes		Yes		Yes		Yes										Yes																					
	Drum Cartridge (with Developer)	Yes		Yes		Yes		Yes										Yes																					
	Toner Cartridge (with Developer)	Yes		Yes		Yes		Yes										Yes																					

APPENDIX A

PRODUCT CONFIGURATION TABLE

Interlagos L		US/CA		XC	YE	
Product Version	Destination Country	US	CA	LA110 AO LatAm(110V)	LA220 AO LatAm(220V)	EU GEN BU GEN
						DE GB NL IT AT BE CH SE DK NO FI PT FR ES GR IE BG RO TR YU CZ RU UA HU PL ZA SK SI Croatia EE LT LV IL Int Eng Int Fr
Scanner	Max. Original Width	A1 Letter(8.5")		A1 Letter(8.5")		A1 Letter(8.5")
	Scanning Width	A1 Letter(8.5")		A1 Letter(8.5")		A1 Letter(8.5")
Paper Tray	Paper Size	A1 Letter(8.5")		A1 Letter(8.5")		A1 Letter(8.5")
Control Panel	Language	English(en): SilentScreen + Icon(Tone Key)		English(en): SilentScreen + Icon(Tone Key)		A1 Letter/Logal
	Key Layout	Xerox		Xerox		English(en): SilentScreen + Icon(Menu Key Enter key , Tone Key)
Memory	Standard	12MB		12MB		Xerox
	Option	N/A		N/A		12MB
Modem	Connector (RJ-45 Parallel)	V.17 Modem		V.17 Modem		N/A
	PC (F)	Yes (PDC)		Yes (PDC)		V.17 Modem
2nd Paper Cassette (600sheets)	Switches	Yes (PDC)		Yes (PDC)		Yes (PDC)
	Option	Option		Option		Option
Power Supply	Voltage	AC 100-127V +/-10% (90V - 140V)	AC 100-127V +/-10% (90V - 140V)	AC 100-127V +/-10% (90V - 140V)	AC 220-240V +/-10% (180V - 264V)	AC 220V-240V +/-10% (180V - 264V)
	Inlet for Power Cable	US	US	US	US	US
NCU	PCB Type	Yes		Yes		EU-Multi
	FG Cable	Yes		Yes		EU-Multi
Line Connection (RJ-11)	Pin 1	US		US		EU-Multi
	Pin 2	US		US		EU-Multi
Tel Connection (RJ-11)	Pin 1	US		US		EU-Multi
	Pin 2	US		US		EU-Multi
Software	Default Language	US Type		US Type		EU Type
	Language Type	English(en), French(fr), Spanish(es), Portuguese(pt)		English(en), French(fr), Spanish(es), Portuguese(pt)		English(en), German(de), French(fr), Italian(it), Dutch(nl), Danish(da), Swedish(sw), Norwegian(no), Spanish(es)
Appearance	Country Setting	US		US		EU (To be set by XE for other country)
	Data Label	Model name, Voltage, Ampere, Frequency, RecNo., UUC-UL FCC/FDA, XEROX, Month/Year of Manufacture, Made in Malaysia		Model name, Voltage, Ampere, Frequency, RecNo., UUC-UL FCC/FDA, XEROX, Month/Year of Manufacture, Made in Malaysia		Model name, Voltage, Ampere, Frequency
Carton Box	PTL Label	Yes (Icon, English, French, German, Spanish, Japanese)		Yes (Icon, English, French, German, Spanish, Japanese)		Yes (Icon, English, French, German, Spanish, Japanese)
	Fuser Cautlon Label	Yes (Icon, English, French, German, Spanish, Japanese)		Yes (Icon, English, French, German, Spanish, Japanese)		Yes (Icon, English, French, German, Spanish, Japanese)
Accessories	Energy Star Label	Yes		Yes		Yes (8 Language)
	Canadian Environment Label	Yes		Yes		Yes
Handset	Tag Matrix & Serial No. Label	Yes		Yes		Yes
	Bar Code Label	Yes		Yes		Yes
Power Cable	Canadian Environment Mark	Yes		Yes		Yes
	Recycle Mark	Yes		Yes		Yes
Printer Parallel Cable	Energy Star Logos	Yes		Yes		Yes
	Document Exit Tray	Yes		Yes		Yes
Paper Exit Tray	Handset	Option		Option		Yes
	Power Cable	RJ11(2)-RJ11(2)		RJ11(2)-RJ11(2)		Yes
Drum Cartridge	Printer Parallel Cable	110V (US) Plug		220V (AU) Plug		Yes
	Document Exit Tray	TBD		TBD		Yes
Installation Instruction	Paper Exit Tray	Yes		Yes		Yes
	Drum Cartridge	Yes		Yes		Yes
Quick Reference Card	Drum Cartridge (with Developer)	Yes		Yes		Yes
	CD-ROM (Include User's Manual and PDC)	YES		YES		Yes
Supply	One Touch Label	Yes		Yes		Yes
	Drum Cartridge	Yes		Yes		Yes
Toner Cartridge (with Developer)	Drum Cartridge	Yes		Yes		Yes
	Toner Cartridge	Yes		Yes		Yes

== Note1 : Default Country & Language may Change.

APPENDIX B : FEATURE TABLE OF INTERLAGOS SERIES

Items	Spec	INTERLAGOS-L	INTERLAGOS-H
Communication	Compatibility	ITU-T G3/ECM	ITU-T G3/ECM
	Compression	MH/HR/MMR/JBIG	MH/HR/MMR/JBIG
	Modem Speed	14.4Kbps	33.6Kbps
	max. Resolution (Tx)	16x15.4 dpm (406x392 dpi) 300x300 dpi	16x15.4 dpm (406x392 dpi) 300x300 dpi
	max. Resolution (Rx)	16x15.4 dpm (406x392 dpi) 300x300 dpi	16x15.4 dpm (406x392 dpi) 300x300 dpi
Scanning Part	Scanning Method	CIS	CIS
	Scan Speed (ADF)	3.0 sec	3.0 sec
	Resolution STD FINE S-FINE	8x3.85 dpm (203x98 dpi)	8x3.85 dpm (203x98 dpi)
		8x7.7 dpm (203x196 dpi)	8x7.7 dpm (203x196 dpi)
		8x15.4 dpm (203x392 dpi) p16x15.4 dpm (406x392 dpi)	8x15.4 dpm (203x392 dpi) p16x15.4 dpm (406x392 dpi)
	Halftone	64 Level Error Diffusion	64 Level Error Diffusion
	ADF	30 pages (A4/Letter)	30 pages (A4/Letter)
	Original Size	A4/Letter/Legal	A4/Letter/Legal
Printing Part	Contrast Control	Manual (3 levels)	Manual (3 levels)
	Print Method	LBP	LBP
	Printing Speed	8 ppm	8 ppm
	Printing Size	A4/Letter/Legal	A4/Letter/Legal
	Printing Resolution	16x15.4 dpm (406x392 dpi) /600x600dpi	16x15.4 dpm (406x392 dpi) /600x600dpi
	Paper Capacity	250 sheets	250 sheets
	Optional Paper Cassette	500 sheets	500 sheets
	Paper Loading	Front Loading	Front Loading
	Bypass Tray	Yes (1 sheet)	Yes (1 sheet)
	Collation Stacking	Yes, Face-up Collation	Yes, Face-up Collation
	Toner Capacity (Initial)	approx. 3,000 pages (4%)	approx. 3,000 pages (4%)
	Toner Capacity (Supply)	approx. 6,000 pages (4%)	approx. 6,000 pages (4%)
	Drum Life	approx. 20,000 pages	approx. 20,000 pages
Memory	Image Memory size	1.2MB	3.2MB
	Option Memory	-	-
	Dual Access	Multi Access	Multi Access
	Memory Backup	User data: Yes Image: Non	User data: Yes Image: Non
	Batch Files	100 files	100 files
Dialing Part	Dialling Method	Pulse/ Tone	Pulse/ Tone
	Auto Re-Dial	Yes, max. 14 times	Yes, max. 14 times
	One-Touch Dial	20 stations	38 stations
	Speed Dial	Max. 100 stations	Max. 150 stations
	Number of Group	Max.25	Max.50
	Alphabetical Directry Dial	Max.145 stations (OT + SPD + GROUP)	Max.238 stations (OT + SPD + GROUP)
Copy	Resolution	16x15.4 dpm (406x392 dpi) Scan & Print	16x15.4 dpm (406x392 dpi) Scan & Print
	Number of Copy	99 pages	99 pages
	Reduction	5R (Auto + 4Fixed Reduction)	5R (Auto + 4Fixed Reduction)
	Warming Up	20sec	20sec
	FCOT	28 sec (Hot start)	48 sec (Hot start)
Multi-Function	PC Connection	Standard	Standard
	PC Interface	IEEE1284	IEEE1284
	Printer	GDI 300x300 / 600x600dpi Data	GDI 300x300 / 600x600dpi Data
	Scanner	TWAIN (406x392dpi, 1bit/pixel)	TWAIN (406x392dpi, 1bit/pixel)
	PC FAX	Tx/Rx (Class2.0)	Tx/Rx (Class2.0)
	LAN Connectivity	N/A	N/A
Miscellaneous	LCD	20 x 2 Line	20 x 2 Line
	Timers	100 timers	100 timers
	Flash ROM	Yes	Yes
	Handset	Standard:LA, Option:US/CA	Standard:LA, Option:US/CA
	Energy Star Compliance	Yes	Yes
	Energy2000 Compliance	Yes	Yes

APPENDIX C APPEARANCE

