

# newline

Connect. Create. Collaborate.

## TRU TOUCH X8



## UNIFIED COLLABORATION SYSTEM

**CAST** Present wirelessly from any network with a single click. Share video, links, and files from any device.

**BROADCAST** Broadcast content or present wirelessly from a personal device, and invite up to 200 participants to connect from their own.

**DISPLAY MANAGEMENT** Centrally manage and deploy apps, configure settings, use digital signage and broadcast messages to all your Newline displays.

**LAUNCHCONTROL** Enable the proximity sensor to quickly launch your calendar, meetings and preferred on-screen applications as soon as you reach the display

**WORKSPACE** Collaborate, annotate and co-edit documents with colleagues in different locations through video-chat, whiteboard and document editing.



# PRODUCT SPECIFICATION

MODEL	<b>X8</b>
BACKLIGHT	LED
DISPLAY AREA	1650.24*928.26MM
ACTIVE SCREEN SIZE	75 INCH
DISPLAY RATIO	16:9
RESOLUTION	3840 X 2160PIXEL
DISPLAY COLORS	8 BIT + FRC (1.07 BILLION)
BRIGHTNESS	≥370NIT
CONTRAST	4000:1
RESPONSE TIME	8MS
VIEWING ANGLE	178°
LIFE TIME	≥30000HRS(MIN.)
SPEAKER	
SPEAKER POSITION	FORWARD
RATED IMPEDANCE	8 Ω
FREQ.RESPONSE	80 - 18K HZ
OUTPUT S.P.L.	88 ± 3 DB
RETED.POWER OUTPUT	20W
RATED IMPEDANCE	8Ω
FREQ.RESPONSE	20-18K HZ
OUTPUT S.P.L.	≤13W
MAX.POWER OUTPUT	2 X15W
MICROPHONE	
SENSITIVITY	-38DBV±3DB
FREQUENCY RESPONSE	62HZ - 12.5KHZ
SAMPLING FREQUENCY	48KHZ
POLAR PATTERNS	OMNI-DIRECTIONAL
THD +N (1KHZ @ +4DBU)	<0.05%
PICKUP RANGE	8 METERS
QUANTITY	1 ARRAY(4 MICROPHONES)
CAMERA	
POSITION	TOP X 1 & BOTTOM X 1 (ONLY ONE CAN USE IN THE SAME TIME)
SENSOR	2M PIXELS
LENS	72°
VIDEO RESOLUTION	1920*1080@30FPS (MAX)
FRAME RATE	30FPS/60FPS
ELECTRICAL	
POWER CONSUMPTION	MAXIMUM ≤= 400 W STANDBY MODE ≤= 0.5 W
WORKING VOLTAGE	AC 100-240V, 50/60HZ
TOUCH	
TOUCH SURFACE	OPTICAL BONDING , ANTI-GLARE TEMPERED GLASS + ANTI-FINGER PRINT
TRANSPARENCY	88%
SURFACE HARDNESS	7H
HID SUPPORT	HID
TOUCH POINTS	ANDROID 4 TOUCH POINTS WRITING; 5 POINTS AS ERASER WINDOWS 20 TOUCH POINTS AVAILABLE
WRITING TOOLS	STYLUS, FINGER, ERASER
SCAN TIME	6.7MS
SCAN SPEED	150 HZ
POSITIONING ACCURACY	CENTER AREA 1.0-1.5 MM \ EDGE AREA 1.2-2.0 MM
COMMUNICATION INTERFACE	USB-A
TRANSMISSION RANGE	5M
TRANSPORTATION/STORAGE	
STORAGE TEMPERATURE/HUMIDITY	-10°C~50°C/10%-90%
WORKING TEMPERATURE/HUMIDITY	0°C-40°C/10%-90%
MOUNTING (OPTIONAL)	WALL-MOUNTED / FLOOR STAND
OUTLINE DIMENSION	1792X1170X102MM
PACKING DIMENSION	1918X275X1295MM
NET WEIGHT	55KGS
GROSS WEIGHT	71KGS
ANDROID SMART SYSTEM	
CHIPSET	MSD828
CPU	ARM A53 X 4 1.4GHZ
GPU	MALI450MP4 (4+2) 600MHZ
RAM	2GB
ROM	8GB
ANDROID VERSION	5.0.1
MULTIMEDIA FILE FORMATS SUPPORT	SUPPORT ALL MAJOR TYPES OF MULTI-MEDIA FILES
ANDROID RESOLUTION	4K
INTELLIGENT THERMAL PROTECTOR	AUTOMATIC HIBERNATE WHEN OVER HEATED
INBUILT WIFI	YES
	THE DISPLAY MUST HAVE GUI FOR EASE ACCESS OF RESOURCES, FUNCTIONS AND SHORTCUTS. THIS GUI SHALL BE ANY PROPRIETARY OS BUT MUST BE COMPUTABLE WITH ANDROID CODING.
GUI - GRAPHIC USER INTERFACE	BUILT-IN WHITE BOARD ( SEAMLESS WRITING)WITH DIFFERENT SIZE OF PEN THICKNESS. BUILT-IN OPTION TO IMPORT PICTURE AND ANNOTATE OVER ON THAT. BUILT-IN OPTION TO ACCESS BROWSER IN ANDROID WHITEBOARD
DISCUSSION / WHITE BOARD	

NEWLINE CAST	A WIRELESS PRESENTATION SOFTWARE COMES WITH INBUILT FOR INROOM PRESENTATION MAXIMUM CONNECTIVITY OF BYOD DEVICES - 4 / 6 USERS ( ANDROID 4 USER / WIN 6 USER) CONTROL - THE SETUP SHOULD BE IN SUCH A WAY THAT THE PRESENTER SHOULD HAVE CONTROL OF THE GUI OF THIS REMOTE INTERACTIVE PRESENTATION KIT FROM THE TOUCH INTERACTIVE FLAT PANEL DISPLAY DISPLAY CAPABILITY - EQUIPMENT SHOULD HAVE CAPABILITY TO DISPLAY 4 /6 SOURCES AT A TIME SYSTEM SUPPORTED - WIN/MAC/IOS/ANDROID CENTRALLY MANAGE ALL YOUR INTERACTIVE DISPLAYS : EASILY MANAGE AND DEPLOY APPS, CONFIGURE DISPLAY SETTINGS, ADD LICENCES, USE DIGITAL SIGNAGE FEATURES OR BROADCAST EMERGENCY MESSAGES TO ALL NEWLINE INTERACTIVE DISPLAYS, WITHOUT EVER HAVING TO LEAVE YOUR DESK. SHARE CONTENT TO AUDIENCES OF ANY SIZE HASSLE-FREE BROADCASTING JOINING THE BROADCAST IS SIMPLE: ACCESS THE BROADCAST WEBPAGE AND SHARE YOUR SCREEN IN REAL-TIME FROM YOUR NEWLINE DISPLAY TO ANY PARTICIPANT CONNECTED. EASILY INVITE UP TO 200 PARTICIPANTS TO CONNECT THEIR OWN DEVICE FROM THE MEETING ROOM, CLASSROOM, LECTURE THEATER OR ANY OTHER PLACE IN THE WORLD WITH A NETWORK CONNECTION
NEWLINE DISPLAY MANAGEMENT	COLLABORATION WHITE BOARD SHORTEN THE DISTANCE BETWEEN 2 LOCATIONS : COLLABORATE, ANNOTATE AND CO-EDIT DOCUMENTS WITH COLLEAGUES IN DIFFERENT LOCATIONS THROUGH VIDEO-CHAT, WHITEBOARD AND DOCUMENT EDITING. ENABLE THE PROXIMITY SENSOR TO QUICKLY LAUNCH YOUR CALENDAR, MEETINGS AND PREFERRED ON-SCREEN APPLICATIONS AS SOON AS YOU REACH THE DISPLAY
NEWLINE BROADCAST	THE ONBOARD SYSTEM SUPPORTS ANNOTATION, SAVING AND SEND EMAIL OF ANNOTATION FILES AND SELECTING THE INPUTS AND CHANGING THE VOLUME , SCHEDULING FUNCTION FOR MEETING ROOM SCHEDULES , BUILDIN WIFI(2.4G/5G) AND SO ON HELPS TO EASILY OPEN YOUR USB DRIVE AND ACCESS YOUR DOCUMENTS / FILES ADDITIONAL FEATURES IN FILE COMMANDER : ADD CLOUD : CLOUD BASED FILE STORAGE SERVICES ARE AVAILBALE . USER CAN DIRECTLY DOWNLOAD THEIR DOCUMMETS OR FILES AND ACCESS DURING PRESENTATION.
NEWLINE WORKSPACE FOR WINDOWS	FTP : FILE TRANSFER PROTOCOL (FTP) IS THE COMMONLY USED PROTOCOL FOR EXCHANGING FILES OVER THE INTERNET LOCAL AREA NETWORK : A LOCAL AREA NETWORK (LAN) IS A GROUP OF COMPUTERS AND ASSOCIATED DEVICES THAT SHARE A COMMON COMMUNICATIONS LINE OR WIRELESS LINK TO A SERVER.
NEWLINE LAUNCH CONTROL FOR WINDOWS	PRE LOADED AQUA MAIL - YOU CAN EASILY EMAIL YOUR WHITEBOARD CONTENT TO ANYONE A PRE LOADED BUSINESS CALENSER IS AVAILABLE YOU CAN SET SCHEDULES AND SYNCHRONIZE WITH GOOGLE CALENDAR FOR MEETING ROOM SCHEDULES USER CAN EASILY CUSTOMIZED THEIR OWN BACKGROUND AND LOGO'S
OTHER FEATURES	SUPPORT ALL MAJOR TYPES OF MULTI-MEDIA FILES THIS PRODUCT SUPPORTS OBJECT RECOGNITION AND PRODUCES DIFFERENT EFFECTS ACCORDING TO THE DIAMETER AND SIZE OF THE INPUT OBJECTS. ⊗ FIST/PALM: IDENTIFIED AS AN ERASER (100 PT). ⊗ FINE PEN (3MM): SUGGESTED TO USE WHILE WRITING. ⊗ THICK PEN ( ≥ 8 MM)/ FINGER: SUGGESTED TO USE WHEN YOU WANT TO HIGHLIGHT
FILE COMMANDER	SMART EYE PROTECT KEEP YOUR EYE VISION SAFE FROM IFPD'S LIGHT BLUE LIGHT CONTRIBUTES TO DIGITAL EYE STRAIN; IFPD'S GLASSES THAT BLOCK BLUE LIGHT MAY INCREASE COMFORT FOR USERS UPGRADE THE LATEST FIRMWARE FOR YOUR DISPLAYS \THROUGH OUR OTA UPDATE SUPPORT AND KEEP THEM RUNNING SMOOTHLY AT ALL TIMES
EMAIL SUPPORT	AVAILABLE
BUSINESS CALENDAR	
CUSTOMIZED GUI	
MULTIMEDIA FILE FORMATS SUPPORTED	
OBJECT REGONISATION	
SMART EYE PRODUCTION	
BLUE LIGHT FILTER	
OTA (OVER-THE-AIR) UPDATE	
OPS PC	

SPECIALITY	
INTELLIGENT THERMO PROTECTOR	YES
BUILD IN WIFI	2.4G/5G(OPTIONAL)
MOUSE	MOTION SENSING
KEYBOARD	NON-STANDARD (44 KEY)

CERTIFICATES	
REGULATIONS	CB,EMC,ERP,FCC,LVD,RED,UL NOTIC OF AUTHORIZATION

## BUILT-IN APPS

Everything you need to schedule meetings, manage e-mails, save and open files with the cloud and work on documents, all with Newline's built-in apps. Collaborate locally and remotely, easily



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