Jensen® Scandinavia

MEDIA:LINK[™] 7100 Twin



User Manual

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THE LIGHTNING FLASH WITH ARRO-WHEAD SYMBOL WITHIN AN EQUIL-ATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESEN-CE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE UNIT'S CABI-NET THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.



THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE MANUAL ACCOMPANYING THE UNIT.

WARNING:

TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THE UNIT TO RAIN OR MOISTURE. NEVER ATTEMPT TO OPEN THE CABINET, DANGEROUS HIGH VOLTAGES ARE PRESENTED IN THE UNIT. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CAUTION:

THE APPARATUS SHALL NOT BE EXPOSED TO WATER AND NO OBJECTS FILLED WITH LIQUID SUCH AS VASES SHALL BE PLACED ON THE APPARATUS.

CAUTION:

THE MAINS PLUG IS USED AS THE DISCONNECT DEVICE, THE DISCONNECT DEVICE SHALL RE-MAIN READILY OPERABLE.

CAUTION:

ALWAYS REMEMBER TO REMOVE THE PLUG FROM THE MAINS SOCKET BEFORE DISCONN-ECTING THE POWER LEAD FROM THE BACK OF THE UNIT.

CAUTION:

THE UNIT EMPLOYS A LASER SYSTEM. TO EN-SURE THE PROPER USE OF THE UNIT, READ THIS MANUAL CAREFULLY AND KEEP IT FOR FUTURE REFERENCE.

IF THE UNIT REQUIRES SERVICING, CONTACT THE SELLER OR SEE "TROUBLESHOOTING".

TO PREVENT DIRECT EXPOSURE TO THE LASER RADIATION, DO NOT OPEN THE CABINET. VISIBLE LASER MAY RADIATE WHEN THE CABINET IS OPENED OR THE INTERLOCKS ARE DEFEATED. DO NOT STARE INTO THE LASER BEAMS.

CAUTION:

THE DVD VIDEO PLAYER IS A CLASS 1 LASER PRODUCT. USE OF CONTROLS OR ADJUST-MENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. AS THE LASER BEAM USED IN THIS DVD VIDEO PLAYER IS HARMFUL TO THE EYES, DO NOT ATTEMPT TO DISASSEMBLE THE CABINET. REFER SERVICING TO QUALIFIED

PERSONNEL ONLY.

WARNING:

FCC REGULATIONS STATE THAT ANY CHANGE OR MODIFICATION TO THE EQUIPMENT, NOT EXPRESSLY APPROVED BY MAKER OR ITS AUTHORIZED PARTIES, COULD VOID USER'S AUTHORITY TO OPERATE THIS EQUIPMENT.

WARNING:

WHEN THE MACHINE IS IN OPERATION, THE RADIATORS ON THE BOTTOM MAY BE HOT. PLEASE AVOID DIRECT CONTACT WITH YOUR BARE SKIN. DIRECT CONTACT FOR EXTENDED PERIOD OF TIME MAY CAUSE INJURY. DO NOT PLACE THE MACHINE ON HEAT SENSITIVE PLACE.

1. Read Instructions

All the safety and operating instructions should be read before the product is operated.

2. Retain Instructions

The safety and operating instructions should be retained for future reference.

3. Heed Warnings

All warnings on the product and in the operating instructions should be adhered to.

4. Follow Instructions

All operating instructions should be followed.

5. Cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

6. Attachments

Do not use attachments not recommended by the product manufacturer as they may cause hazards.

7. Water and Moisture

Do not use this product near water for example, near a bathtub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

8. Accessories

Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

9. Portable Cart Warning

A product and cart combination should be moved with care. Quick stop, excessive force, and uneven surface may cause the product and cart combination to overturn.



(Symbol provided by RETAC)

10. Ventilation

Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built - in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

11. Power Sources

This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power or other sources, refer to the operating instructions.

12. Grounding or Polarization

This product may be equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

13. Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

14. Overloading

Do not overload wall outlets, extension cords, or integral convenience receptacles, as this can result in a risk of fire or electric shock.

15. Object and Liquid Entry

Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

16. Servicing

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

17. Damage Requiring Service

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

A)When the power-supply cord or plug is damaged, B)If liquid has been spilled, or objects have fallen into the product,

C)If the product has been exposed to rain or water, D)If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation,

E)If the product has been dropped or damaged in any way.

F)When the product exhibits a distinct change in performance this indicates a need for service.

18. Replacement Parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

19. Safety Check

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

20. Wall or Ceiling Mounting

The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

21. Heat

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Panel Illustration

Introduction



ML7100 Twin



Master





Use the backwire/support when using ML7100 on the table.

Remote Control



Using the Remote Control

Point the remote control at the remote sensor in order for the player to function correctly. The remote will function to approximately 21' from the remote sensor at an angle of approximately 30 each direction.

Note: Directing the remote sensor toward any light source, such as direct sunlight, may cause the unit to malfunction. Do not spill water or put wet items on the remote control. Never disassemble remote control.

BATTERIES

INCORRECT USE OF BATTERIES MAY CAUSE THEM TO LEAK, CORRODE OR EXPLODE.

- Be sure to place the batteries in the correct direction.
- It is dangerous to charge/heat/open or short-circuit the batteries.
- Do not leave dead or expired batteries or mix old/new batteries.
- When not using the remote control for a long duration of time, remove the batteries. When operating range becomes reduced, replace all batteries with new, fresh ones.
- ◆ If leakage from the battery occurs, wipe the battery liquid from the battery compartment, then replace.





Preparation before playing:



1.DVD menu setting

Press the SETUP button on the remote controller, system SETUP MENU (main) will be displayed.

1. After accessing the SETUP Menu, press the direction buttons for up and down movement to select an item desired, then press the ENTER button to confirm your entry and move to the sub-menu. Use the left and right direction buttons to move the pointer, and the up and down direction buttons to select the option desired. Also, press the ENTER button to confirm your selection. Now, setup of this current function is completed.

2. To end the setup, press the SETUP button again. In the SETUP MENU, you may choose any of the following options as you like.

1.1 GENERAL SETUP

This option is used to set up TV screen format, video functions and DVD functions. With options of "TV Display" "Angle Mark" "OSD Language" "Closed Captions" "Screen saver" " Last Memory"



1.1.1 TV DISPLAY

Follow the operating instructions stated in "DVD MENU SETUP" in combination with the desired option in the following figure.



Note:

- 1). Irrespective of what screen format you have selected, if your screen displays in 4:3 format, the picture will be shown in that format anyway.
- 2). For DVDs, the screen format is convertible.
- If your screen displays in 4:3 format, when a DVD with 16:9 display format is used, the picture will be flattened.



1.1.2 ANGLE MARK

When a DVD providing multiple angles is used, the user may select a particular shooting angle. Follow the operating instructions stated in "DVD MENU SETUP" in combination with the desired option in the following figure.



1.1.3. OSD LANGUAGE

The user may use this item to set the language of the setup menu and screen display to English, Norwegian, Swedish or Danish.

Follow the operating instructions stated in "DVD MENU SETUP" in combination with the desired option in the following figure.



1.1.4. CLOSED CAPTIONS

The user may use this item to enable or disable the closed caption function.



1.1.5. SCREEN SAVER

Select in "General setup" menu to get Screen protection Setting according to following figure.

<u> </u>	2	~	
General Setup Pa	ge		
TV Display Angle Mark OSD Language Closed Captions Screen saver Last Memory	PS On ENG Off On Off	On Off	

1.1.6. LAST MEMORY

According to following figure to get selected setting.



1.2. AUDIO SETUP

Audio setup includes Dolby Digital and Downmix.



1.2.1 DOLBY DIGITAL SETUP

Dolby digital setup includes Dual Mono and Dynamic range compress.

1.2.1.1 DUAL MONO SETUP

Follow the operation instructions stated in "DVD MENU SETUP" in combination with desired option in the following figure.



If you have Dolby digital output in your amplifier/decoder you may select Stereo or Left, right and mixed sound accordingly.

1.2.1.2 DYNAMIC RANGE COMPRESS

Follow the operation instructions stated in "DVD MENU SETUP" in combination with desired option in the following figure.



1.2.2 DOWNMIX

This setting is suitable for films. If you only need two channels to enjoy music, it's recommended to select the second option.



1.3 VIDEO SETUP

Video setup includes: Panel Quality, DivX VOD.



1.3 1 PANEL QUALITY

Following the operation to adjust Sharpness, Brightness, Contrast, Hue or Saturation to attain the best panel picture.

()	2	
Panel Quality Set	up	
Sharpness	Mid	High
Brightness	00	Medium
Contrast	00	Low
Hue	00	
Saturation	00	
Sharpness		

1.3 2 DIVX VOD

To check the DivX registration code of your ML7100.



DivX VOD files are downloaded after paying a rental from certain commercial websites, prior to downloading a VOD, you need to input the registration number of the ML7100 on the purchase form on the site.

1.4 PREFERENCE SETUP

During stop mode, press the SETUP button to access the INITIAL SETUP menu, which includes items of TV TYPE, AUDIO, SUBTITLE, DISC MENU, PARENTAL, and DEFAULT.

Preset values are essential to a DVD player. The user may change these items as desired.



1.4.1 TV TYPE

Follow the operation instructions stated in "DVD MENU SETUP" in combination with desired option in the following figure.

()	8		
Preference Page			
TV Type Audio Subtitle Disc Menu Parental Default	PAL ENG ENG ENG	PAL MULTI NTSC	

This product supports various system outputs including NTSC, PAL and Multi.

1)If your TV is set to the wrong system, the screen will blink, and become colorless.

In this case, press the N/P button on the Remote Control to return to normal screen, Always remember to choose the correct system, NTSC or PAL.

2)For more information of output format, refer to the instructions or your TV set.

1.4.2 AUDIO

Follow the operating instructions stated in "DVD MENU SETUP" in combination with the desired option in the following figure.

	» .		
Preference Page			
TV Type Audio Subtitle Disc Menu Parental Default	PAL ENG ENG ENG	Englis Norwe Swedis Danish Finnis	h gian sh n h
Preferred Audio			

ML7100 provides English, Norwegian, Swedish and Danish built-in disc dubbing language option.

1.4.3 SUBTITLE

This machine provides English, Norwegian, Swedish and Danish built-in subtitle languages. When a DVD is played, the user may hide the subtitle or choose any of them as the preset subtitle language.

Follow the operating instructions stated in "DVD MENU SETUP" in combination with the desired option in the following figure.



1.4.4 DISC MENU LANGUAGE

This machine provides English, Norwegian, Swedish and Danish menu language option..

Follow the operating instructions stated in "DVD MENU SETUP" in combination with the desired option in the following figure.

	<u>></u>	<u>e</u>
Preference Page		
TV Type Audio Subtitle Disc Menu Parental	PAL ENG ENG ENG	English Norwegian Swedish Danish Finnish
Default		

1.4.5 PARENTAL

Follow the operating instructions stated in "DVD MENU SETUP" in combination with the desired option in the following figure.

()	2		$\overline{}$
Preference Page			
TV Type Audio Subtitle	PAL ENG ENG	1 KID 2 G 3 PG	SAFE
Disc Menu Parental	ENG	4 PG 5 PG	13 R
Default		6 R 7 NC 8 AD	17 ULT
Set Parental Con	trol		

For a film to be restricted for children, the film class may be set according to label marking on the disc.

1.4.6 DEFAULTS

This option will resume the original settings of this machine.

Follow the operating instructions stated in "DVD MENU SETUP" in combination with the desired option in the following figure



1.5 PASSWORD SETUP

Password setup includes Password Mode and Edit password.

1.5.1 PASSWORD MODE

Set password mode on / off (default is OFF)



1.5.2 PASSWORD

With this option you can change the password of your ML7100. The default password is "888888"



0-10+ keys

• These keys are used to input the time, as well as title, chapter and track numbers.

When a numeric item is displayed on the screen, press the 0-10+ keys to select the desired entry, and press ENTER to confirm.

A-B
During playback, press A-B to select point A.
Press it again to select point B. The player will repeat the section from A to B automatically.
Press A-B third time to cancel A-B repeat and clear points A and B.
Note: 1. During CD playback, points A and B must be within the same track. During DVD playback, points A and B can be selected from different chapters.
2. This function is subject to the disc.

Press STOP(
) during playback to stop and hold playback.
 Press PLAY/PAUSE(
) to resume playback from the point you pressed STOP.
 Note: The screen saver will automatically turn on if playback is stopped about 5 minutes(when Screen Saver is set to on).

DISPLAY



During playback press DISPLAY repeatly to show disc playing information as follows:



Single Remain







During playback, press TIME button to display information as follow:

	Menu		
	Title Chapter 0 Audio 5.10 Subtitle 0	01/01 03/14 CH Others Others	
Bitrate 58	Title	Elapsed	0:07:52
			_
	Menu		
	Menu Track Disc Time Track Time Repeat	14/17 1:12:21 0:04:20 Off	

Use the number keys to select the desired time. Title or Chapter.

Notes: ① Time searches for an exact time in the movie.

- ② In Title/Chapter mode, you cannot SELECT a value outside the range of the total number of titles or chapters.
- ③ For some DVD discs, the Search function is unavailable.

During DVD or CD playback, press button to scan forward. The player will review the disc at 2, 4, 8,16,32 times normal speed as follows:
 Press PLAY to resume normal playback.







PROG



During CD/MP3 playback , you may press **PROG** to switch folder , file list and play list.

5	DVD					
Í	010					
I						
I						
I		—				
I		1	11:01	6		
I		2	Tt :	7		
I		3	Tt :	8		
I		4	Tt :	9		
I		5	Tt :	10		
I				H		
I						
I						
I						
I						

Input the title number and the chapter number in the desired order. Then select [**START**] to play the chapters in the order you have set.



Input the track in the desired order. Then select [**START**] to play the track in the order you have set.

During DVD/VCD playback , press PROG, then select [STOP] to cancel the program setting.



 VOL+ VOL ●Press </OL+> button to increase Volume

 ●Press </OL-> button to reduce volume till to no volume output.











OPERATION OF MP3 MPEG4 FUNCTION

MP3 is an audio compression mode using Level 3 of the international standard MPEG, whereby sound signal is compressed in a rate of 12:1. A MP3 disc can record music for play of over 600 minutes or record over 170 songs, rivalling CDs in sound quality.

Divx- MPEG4 is a video encode using the international standard MPEG-4 and audio using MP3 format.

To play a MP3 or MPEG4 disc

Files Menu of MP3 or MPEG4 play

When playing a MP3 disc, 2 files menus can be selected by pressing PROG key: File list, Folder.

1. FILE LIST

It may select the files to be played by pressing UP DOWN arrow key combining with ENTER key, or using number keys and ENTER key to select directly. If the number input is out of the music number, "CURRENT TRACK NUMBER" will display on screen.

2. Folder

Display menu first then press up down, left right arrow and ENTER key to select subdirectory and content.

JPEG

JPEG adopting the most efficient compression is widely used as picture storage type flattened and stored format.

Even if pictures are compressed 15-20 times. they still have good effect. Supported by most picture processing software, fit for picture storage, it has small data and easy use .This machine can read. JPEGformat - made picture CD disc.

Press revelant number key to select picture display. **1.** Put in disc correctly, the machine begins to search disc information.

2. Press number key to select picture.

3. It's efficient only in present picture when press number key.

Select to play by menu

1. Put in disc, machine searches disc information and main menu displays on screen. press number key from 1 to select picture. press play key to make sure.

2. Press direction key to select picture then press play key.

3. In condition of stop. Press direction key to select other pictures.

4. In condition of stop. select the first line file item on the right. Then press play key, to return to upper menu.

If you have any questions, please consult the troubleshooting guide below.

NO PICTURE OR SOUND

- Ensure the power button is on.
- Ensure the power outlet is operational.
- Ensure the power cord is not damaged.
- Ensure the power plug is connected firmly to the outlet.

PICTURE BUT NO SOUND

- Ensure the AV OUT jacks are securely connected.
- Ensure the audio connector is not damaged.
- Ensure the volume is turned up in VOL setup.
- Ensure you have set the player's AUDIO settings correctly.
- Ensure you have the correct AV input for your TV.
- Ensure the audio is not set to mute.

"BAD DISC" DISPLAYED

- Ensure the disc is not warped, damaged or deformed.
- Ensure the disc is not badly stained or damaged.
- Ensure the disc format is compatible with the player.
- Please check whether you have tried to play a software CD. If so, please restart the player.

REMOTE NOT WORKING

- Ensure the remote batteries are working.
- Point the remote control directly at the player's IR sensor.
- Remove any obstacles between the remote and the IR sensor.

UNIT NOT WORKING

• Turn off the power, and then turn it on again.

SOUND BUT NO PICTURE

- Ensure the AV OUT jacks are securely connected.
- Ensure you have the correct AV input for your TV.
- Ensure the video connector is not damaged.
- Ensure you have set the player's VIDEO settings correctly.

"NO DISC" DISPLAYED

- Ensure you have put the disc on the tray.
- Ensure the disc is not upside down.
- Ensure the disc is not distorted, stained or scratched.

POOR PICTURE OR SOUND

- Ensure you have set the player's AUDIO settings correctly.
- Ensure the disc is not scratched or stained.
- Ensure the AV connector or the output terminal is not damaged.

Туре	Dual Portable DVD player			
Model	ML7100 Twin			
Disc play mode	NTSC/PAL			
Disc mode	DVD, CD, MP3, CD-R, CD-RW, HDCD, JPEG, DVD+R/RW,DVD-R/RW			
Video characteristic				
Video S/N ratio	≥65dB			
Resolution	\geq 500 lines			
Audio characteristic				
Frequency response	fs 96KHz: 20Hz-20KHz:+/-1dB			
Audio S/N ratio	≥90dB			
Dynamic range	≥80dB			
Distortion	< 0.01%			
D/A Converter	96KHz/24bit			
Output characteristic				
Video output	1Vp-p(75 Ω)			
Audio output	2CH			
Power Voltage	DC IN 9-12V			
Power consumption	≤10W			
Size	210x165x36mm			
Weight	1.2 kg			

Specifications are subject to change without notice.

Declaration of Confirmity

For the following equipment:

Product name: Jensen Media:Link 7100 Twin

is herewith confirmed to comply with the requirements set out in the Counsil Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compability (89/336/EEC), Lowvoltage Directive (73/23/EEC) and the Amandment Directive (93/68/EEC). For the evaluation regarding the Directives, the following standards were applied:

EN 301-357

The product also carries the CE mark according to the R&TTE directive 1999/5/EC.

The following manufacturer is responsible for this declaration:

Jensen Scandinavia AS Gardermoen Næringspark 2065 Gardermoen Park Norway

Valler Klye

Technical Manager