

## Spare Part Information applicable for European Union

**Model name: PN-E659**

1. The spare parts listed in the column "Spare Parts" below are kept available in accordance to legal requirements of EU Regulation 2019/2021 for professional repairer.

Spare Part	Reference Information*	
	Part Name/ Element of Part	Part Number
a. Internal power board	Power unit	0TTHW652-0001
b. Connectors to connect external equipment	Element of part 0TTHW432-0001	not applicable
HDMI 1/HDMI 2/DisplayPort/RJ45/USB-A x3/ USB-B/USB-C/3.5mm port audio out/RS232		
c. Batteries and Accumulators	Battery of remote control	UBATA1073ACZZ
d. DVD/Blu-Ray module	not applicable	not applicable
e. HD/SSD module	not applicable	not applicable

\* The information listed under "Reference Information" provides solely additional information on the context of the concerned spare parts listed under "Spare Parts".

\* SHARP reserves the right to upgrade/adapt spare parts due to adjustments and improvements. These upgraded spare parts may have different spare parts numbers.

2. On voluntary bases, not under the provisions of EU Regulation 2019/2021, Sharp keeps available further spare parts for professional repairers. Access to these additional spare parts is possible via the common published procedure.

3. The following spare parts are kept available in accordance to legal requirements of EU Regulation 2019/2021 for consumer:

**English**

Spare Part	Reference Information*	
	Part Name/ Element of Part	Part Number
a. External power supply		
b. Remote control unit	Remote control unit	0TH0DCV000711

SHARP reserves the right to upgrade/adapt spare parts due to adjustments and improvements. These upgraded spare parts may have different spare parts numbers.

**Deutsch**

Ersatzteil	Referenz Informationen	
	Ersatzteilname/ Element von Ersatzteil	Ersatzteilnummer
a. Externes Netzteil		
b. Fernbedienung	Fernbedienung	0TH0DCV000711

SHARP behält sich das Recht vor, Ersatzteile aufgrund von Anpassungen und Verbesserungen zu aktualisieren / anzupassen. Diese verbesserten Ersatzteile können unterschiedliche Ersatzteilnummern haben.

**Français**

Pièce détachée	Informations de référence	
	Nom de la pièce / élément de la pièce	Numéro d'article
a. Alimentation externe		
b. Télécommande	Télécommande	0TH0DCV000711

Sharp se réserve le droit de mettre à niveau/adapter ses pièces détachées pour des raisons d'amélioration ou d'ajustement. Cette mise à niveau peut entraîner un changement dans le numéro d'identification des pièces détachées.

**Español**

Pieza de recambio	Información de referencia	
	Nombre de la pieza / elemento de la pieza	Número de pieza
a. Fuente de alimentación externa		
b. Control remoto	Control remoto	0TH0DCV000711

SHARP se reserva el derecho de actualizar/adaptar los recambios por motivos de ajustes y mejoras. Estas actualizaciones de recambios pueden tener diferente número de referencia.

**Nederlands**

Reserveonderdeel	Referentie informatie	
	Onderdeelnaam / onderdeel van onderdeel	Onderdeel nummer
a. Externe voeding		
b. Afstandsbediening	Afstandsbediening	0TH0DCV000711

SHARP behoudt zich het recht voor om reserveonderdelen te upgraden / aan te passen vanwege aanpassingen en verbeteringen. Deze opgevaardeerde reserveonderdelen kunnen verschillende reserveonderdelennummers hebben.

**Italiano**

Pezzo di ricambio	Informazioni di riferimento	
	Nome parte / elemento della parte	Numero di parte
a. Alimentazione esterna		
b. Telecomando	Telecomando	0TH0DCV000711

Sharp si riserva il diritto di aggiornare/adattare le parti di ricambio in seguito a correzioni ed implementazioni. Questi aggiornamenti comporteranno dei cambi codice dei ricambi.