

DIN6868-157 19inch LCD Monitor Option Installation

Service Documentation



5798612-1EN

Rev 2

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IMPORTANT PRECAUTIONS

LANGUAGE

警告 (ZH-CN)

- 本维修手册仅提供英文版本。
- 如果维修服务提供商需要非英文版本，客户需自行提供翻译服务。
- 未详细阅读和完全理解本维修手册之前，不得进行维修。
- 忽略本警告可能对维修人员，操作员或患者造成触电、机械伤害或其他形式的伤害。

VÝSTRAHA (CS)

- Tento provozní návod existuje pouze v anglickém jazyce.
- V případě, že externí služba zákazníkům potřebuje návod v jiném jazyce, je zajištění překladu do odpovídajícího jazyka úkolem zákazníka.
- Nesnažte se o údržbu tohoto zařízení, aniž byste si přečetli tento provozní návod a pochopili jeho obsah.
- V případě nedodržování této výstrahy může dojít k poranění pracovníka prodejního servisu, obslužného personálu nebo pacientů vlivem elektrického proudu, respektive vlivem mechanických či jiných rizik.

ADVARSEL (DA)

- Denne servicemanual findes kun på engelsk.
- Hvis en kundes tekniker har brug for et andet sprog end engelsk, er det kundens ansvar at sørge for oversættelse.
- Forsøg ikke at servicere udstyret medmindre denne servicemanual har været konsulteret og er forstået.
- Manglende overholdelse af denne advarsel kan medføre skade på grund af elektrisk, mekanisk eller anden fare for teknikeren, operatøren eller patienten.

WAARSCHUWING (NL)

- Deze onderhoudshandleiding is enkel in het Engels verkrijgbaar.
- Als het onderhoudspersoneel een andere taal vereist, dan is de klant verantwoordelijk voor de vertaling ervan.
- Probeer de apparatuur niet te onderhouden voordat deze onderhoudshandleiding werd geraadpleegd en begrepen is.
- Indien deze waarschuwing niet wordt opgevolgd, zou het onderhoudspersoneel, de operator of een patiënt gewond kunnen raken als gevolg van een elektrische schok, mechanische of andere gevaren.

WARNING (EN)

- This Service Manual is available in English only.
- If a customer's service provider requires a language other than English, it is the customer's responsibility to provide translation services.
- Do not attempt to service the equipment unless this service manual has been consulted and is understood.
- Failure to heed this warning may result in injury to the service provider, operator, or patient, from electric shock or from mechanical or other hazards.

HOIATUS

(ET)

- Käesolev teenindusjuhend on saadaval ainult inglise keeles.
- Kui klienditeeninduse osutaja nõuab juhendit inglise keelest erinevas keeles, vastutab klient tõlketeenuse osutamise eest.
- Ärge üritage seadmeid teenindada enne eelnevalt käesoleva teenindusjuhendiga tutvumist ja sellest aru saamist.
- Käesoleva hoiatuse eiramine võib põhjustada teenuseosutaja, operaatori või patsiendi vigastamist elektrilöögi, mehaanilise või muu ohu tagajärjel.

VAROITUS

(FI)

- Tämä huolto-ohje on saatavilla vain englanniksi.
- Jos asiakkaan huoltohenkilöstö vaatii muuta kuin englanninkielistä materiaalia, tarvittavan käännöksen hankkiminen on asiakkaan vastuulla.
- Älä yritä korjata laitteistoa ennen kuin olet varmasti lukenut ja ymmärtänyt tämän huolto-ohjeen.
- Mikäli tätä varoitusta ei noudateta, seurauksena voi olla huoltohenkilöstön, laitteiston käyttäjän tai potilaan vahingoittuminen sähköiskun, mekaanisen vian tai muun vaaratilanteen vuoksi.

ATTENTION

(FR)

- Ce manuel de service n'est disponible qu'en anglais.
- Si le technicien du client a besoin de ce manuel dans une autre langue que l'anglais, c'est au client qu'il incombe de le faire traduire.
- Ne pas tenter d'intervenir sur les équipements tant que le manuel service n'a pas été consulté et compris
- Le non-respect de cet avertissement peut entraîner chez le technicien, l'opérateur ou le patient des blessures dues à des dangers électriques, mécaniques ou autres.

WARNUNG

(DE)

- Diese Serviceanleitung existiert nur in Englischer Sprache.
- Falls ein fremder Kundendienst eine andere Sprache benötigt, ist es aufgabe des Kunden für eine Entsprechende Übersetzung zu sorgen.
- Versuchen Sie nicht diese Anlage zu warten, ohne diese Serviceanleitung gelesen und verstanden zu haben.
- Wird diese Warnung nicht beachtet, so kann es zu Verletzungen des Kundendiensttechnikers, des Bedieners oder des Patienten durch Stromschläge, Mechanische oder Sonstige gefahren kommen.

ΠΡΟΕΙΔΟΠΟΙΗΣΗ

(EL)

- Το παρόν εγχειρίδιο σέρβις διατίθεται στα αγγλικά μόνο.
- Εάν το άτομο παροχής σέρβις ενός πελάτη απαιτεί το παρόν εγχειρίδιο σε γλώσσα εκτός των αγγλικών, αποτελεί ευθύνη του πελάτη να παρέχει υπηρεσίες μετάφρασης.
- Μην επιχειρήσετε την εκτέλεση εργασιών σέρβις στον εξοπλισμό εκτός εάν έχετε συμβουλευτεί και έχετε κατανοήσει το παρόν εγχειρίδιο σέρβις.
- Εάν δε λάβετε υπόψη την προειδοποίηση αυτή, ενδέχεται να προκληθεί τραυματισμός στο άτομο παροχής σέρβις, στο χειριστή ή στον ασθενή από ηλεκτροπληξία, μηχανικούς ή άλλους κινδύνους.

FIGYELMEZTETÉS

(HU)

- Ezen karbantartási kézikönyv kizárólag angol nyelven érhető el.
- Ha a vevő szolgáltatója angoltól eltérő nyelvre tart igényt, akkor a vevő felelőssége a fordítás elkészítése.
- Ne próbálja elkezdni használni a berendezést, amíg a karbantartási kézikönyvben leírtakat nem értelmezték.
- Ezen figyelmeztetés figyelmen kívül hagyása a szolgáltató, működtető vagy a beteg áramütés, mechanikai vagy egyéb veszélyhelyzet miatti sérülését eredményezheti.

AÐVÖRUN

(IS)

- Þessi þjónustuhandbók er eingöngu fáanleg á ensku.
- Ef að þjónustuveitandi viðskiptamanns þarfnast annas tungumáls en ensku, er það skylda viðskiptamanns að skaffa tungumálþjónustu.
- Reynið ekki að afgreiða tækið nema að þessi þjónustuhandbók hefur verið skoðuð og skilin.
- Brot á sinna þessari aðvörun getur leitt til meiðsla á þjónustuveitanda, stjórnanda eða sjúklings frá raflosti, vélrænu eða öðrum áhættum.

AVVERTENZA

(IT)

- Il presente manuale di manutenzione è disponibile soltanto in inglese.
- Se un addetto alla manutenzione richiede il manuale in una lingua diversa, il cliente è tenuto a provvedere direttamente alla traduzione.
- Si proceda alla manutenzione dell'apparecchiatura solo dopo aver consultato il presente manuale ed averne compreso il contenuto.
- Il non rispetto della presente avvertenza potrebbe far compiere operazioni da cui derivino lesioni all'addetto, alla manutenzione, all'utilizzatore ed al paziente per folgorazione elettrica, per urti meccanici od altri rischi.

警告

(JA)

- このサービスマニュアルには英語版しかありません。
- サービスを担当される業者が英語以外の言語を要求される場合、翻訳作業はその業者の責任で行うものとさせていただきます。
- このサービスマニュアルを熟読し理解せずに、装置のサービスを行わないでください。
- この警告に従わない場合、サービスを担当される方、操作員あるいは患者さんが、感電や機械的又はその他の危険により負傷する可能性があります。

경고

(KO)

- 본 서비스 지침서는 영어로만 이용하실 수 있습니다.
- 고객의 서비스 제공자가 영어 이외의 언어를 요구할 경우, 번역 서비스를 제공하는 것은 고객의 책임입니다.
- 본 서비스 지침서를 참고했고 이해하지 않는 한은 해당 장비를 수리하려고 시도하지 마십시오.
- 이 경고에 유의하지 않으면 전기 쇼크, 기계상의 혹은 다른 위험으로부터 서비스 제공자, 운전자 혹은 환자에게 위해를 가할 수 있습니다.

BRDINJUMS

(LV)

- Štī apkalpes rokasgrāmata ir pieejama tikai angļu valodā.
- Ja klienta apkalpes sniedzējam nepieciešama informācija citā valodā, nevis angļu, klienta pienākums ir nodrošināt tulkošanu.
- Neveiciet aprīkojuma apkalpi bez apkalpes rokasgrāmatas izlasīšanas un saprašanas.
- Štī brīdinājuma neievērošana var radīt elektriskās strāvas trieciena, mehānisku vai citu risku izraisītu traumu apkalpes sniedzējam, operatoram vai pacientam.

ĮSPĖJIMAS

(LT)

- Šis eksploatavimo vadovas yra prieinamas tik anglų kalba.
- Jei kliento paslaugų tiekėjas reikalauja vadovo kita kalba – ne anglų, numatyti vertimo paslaugas yra kliento atsakomybė.
- Nemėginkite atlikti įrangos techninės priežiūros, nebent atsižvelgėte į šį eksploatavimo vadovą ir jį supratote.
- Jei neatkreipsite dėmesio į šį perspėjimą, galimi sužalojimai dėl elektros šoko, mechaninių ar kitų pavojų paslaugų tiekėjui, operatoriui ar pacientui.

ADVARSEL

(NO)

- Denne servicehåndboken finnes bare på engelsk.
- Hvis kundens serviceleverandør trenger et annet språk, er det kundens ansvar å sørge for oversettelse.
- Ikke forsøk å reparere utstyret uten at denne servicehåndboken er lest og forstått.
- Manglende hensyn til denne advarselen kan føre til at serviceleverandøren, operatøren eller pasienten skades på grunn av elektrisk støt, mekaniske eller andre farer.

OSTRZEŻENIE

(PL)

- Niniejszy podręcznik serwisowy dostępny jest jedynie w języku angielskim.
- Jeśli dostawca usług klienta wymaga języka innego niż angielski, zapewnienie usługi tłumaczenia jest obowiązkiem klienta.
- Nie próbować serwisować wyposażenia bez zapoznania się i zrozumienia niniejszego podręcznika serwisowego.
- Niezastosowanie się do tego ostrzeżenia może spowodować urazy dostawcy usług, operatora lub pacjenta w wyniku porażenia elektrycznego, zagrożenia mechanicznego bądź innego.

ATENÇÃO

(PT-BR)

- Este manual de assistência técnica só se encontra disponível em inglês.
- Se qualquer outro serviço de assistência técnica, que não a gems, solicitar estes manuais noutro idioma, é da responsabilidade do cliente fornecer os serviços de tradução.
- Não tente reparar o equipamento sem ter consultado e compreendido este manual de assistência técnica.
- O não cumprimento deste aviso pode por em perigo a segurança do técnico, operador ou paciente devido a choques elétricos, mecânicos ou outros.

ATENÇÃO

(PT-PT)

- Este manual de assistência técnica só se encontra disponível em inglês.
- Se qualquer outro serviço de assistência técnica, que não a gems, solicitar estes manuais noutra língua, é da responsabilidade do cliente fornecer os serviços de tradução.
- Não tente reparar o equipamento sem ter consultado e compreendido este manual de assistência técnica.
- O não cumprimento deste aviso pode colocar em perigo a segurança do técnico, do operador ou do paciente devido a choques eléctricos, mecânicos ou outros.

ATENȚIE

(RO)

- Acest manual de service este disponibil numai în limba engleză.
- Dacă un furnizor de servicii pentru clienți necesită o altă limbă decât cea engleză, este de datoria clientului să furnizeze o traducere.
- Nu încercați să reparați echipamentul decât ulterior consultării și înțelegerii acestui manual de service.
- Ignorarea acestui avertisment ar putea duce la rănirea depanatorului, operatorului sau pacientului în urma pericolelor de electrocutare, mecanice sau de altă natură.

ОСТОРОЖНО!

(RU)

- Данное руководство по обслуживанию предлагается только на английском языке.
- Если сервисному персоналу клиента необходимо руководство не на английском, а на каком-то другом языке, клиенту следует самостоятельно обеспечить перевод.
- Перед обслуживанием оборудования обязательно обратитесь к данному руководству и поймите изложенные в нем сведения.
- Несоблюдение требований данного предупреждения может привести к тому, что специалист по обслуживанию, оператор или пациент получат удар электрическим током, механическую травму или другое повреждение.

UPOZORENJE

(SR)

- Ovo servisno uputstvo je dostupno samo na engleskom jeziku.
- Ako klijentov serviser zahteva neki drugi jezik, klijent je dužan da obezbedi prevodilacke usluge.
- Ne pokušavajte da opravite uređaj ako niste pročitali i razumeli ovo servisno uputstvo.
- Zanemarivanje ovog upozorenja može dovesti do povređivanja serviser, rukovaoca ili pacijenta usled strujnog udara ili mehaničkih i drugih opasnosti.

UPOZORNENIE

(SK)

- Tento návod na obsluhu je k dispozícii len v angličtine.
- Ak zákazníkovi poskytovateľ služieb vyžaduje iný jazyk ako angličtinu, poskytnutie prekladateľských služieb je zodpovednosťou zákazníka.
- Nepokúšajte sa o obsluhu zariadenia skôr, ako si neprečítate návod na obsluhu a neporozumiete mu.
- Zanedbanie tohto upozornenia môže vyústiť do zranenia poskytovateľa služieb, obsluhujúcej osoby alebo pacienta elektrickým prúdom, do mechanického alebo iného nebezpečenstva.

ATENCION

(ES)

- Este manual de servicio sólo existe en inglés.
- Si el encargado de mantenimiento de un cliente necesita un idioma que no sea el inglés, el cliente deberá encargarse de la traducción del manual.
- No se deberá dar servicio técnico al equipo, sin haber consultado y comprendido este manual de servicio.
- La no observancia del presente aviso puede dar lugar a que el proveedor de servicios, el operador o el paciente sufran lesiones provocadas por causas eléctricas, mecánicas o de otra naturaleza.

VARNING

(SV)

- Den här servicehandboken finns bara tillgänglig på engelska.
- Om en kunds servicetekniker har behov av ett annat språk än engelska ansvarar kunden för att tillhandahålla översättningstjänster.
- Försök inte utföra service på utrustningen om du inte har läst och förstår den här servicehandboken.
- Om du inte tar hänsyn till den här varningen kan det resultera i skador på serviceteknikern, operatören eller patienten till följd av elektriska stötar, mekaniska faror eller andra faror.

DIKKAT

(TR)

- Bu servis kilavuzunun sadece ingilizcesi mevcuttur.
- Eğer müşteri teknisyeni bu kilavuzu ingilizce dışında bir başka lisandan talep ederse, bunu tercüme ettirmek müşteriye düşer.
- Servis kilavuzunu okuyup anlamadan ekipmanlara müdahale etmeyiniz.
- Bu uyariya uyulmaması, elektrik, mekanik veya diğer tehlikelerden dolayı teknisyen, operatör veya hastanın yaralanmasına yol açabilir.

**ПРЕДУПРЕЖДЕН
ИЕ**

(BG)

- Това упътване за работа е налично само на английски език.
- Ако доставчикът на услугата на клиента изиска друг език, задължение на клиента е да осигури превод.
- Не използвайте оборудването, преди да сте се консултирали и разбрали упътването за работа.
- Неспазването на това предупреждение може да доведе до нараняване на доставчика на услугата, оператора или пациент в резултат на токов удар или механична или друга опасност.

DAMAGE IN TRANSPORTATION

All packages should be closely examined at time of delivery. If damage is apparent write "Damage In Shipment" on ALL copies of the freight or express bill BEFORE delivery is accepted or "signed for" by a GE representative or hospital receiving agent. Whether noted or concealed, damage MUST be reported to the carrier immediately upon discovery, or in any event, within 14 days after receipt, and the contents and containers held for inspection by the carrier. A transportation company will not pay a claim for damage if an inspection is not requested within this 14 day period.

To file a report:

- Call 1-800-548-3366 and use option 6
- Fill out the GIQ workflow for any items missing, damaged, OBF/FOI for in process installs:
http://http://supportcentral.ge.com/ProcessMaps/form_new_request.asp?prod_id=268679&form_id=573167&node_id=1916016&map_id=&reference_id=&reference_type
- Contact the local service coordinator.

CERTIFIED ELECTRICAL CONTRACTOR STATEMENT

All electrical Installations that are preliminary to positioning of the equipment at the site prepared for the equipment shall be performed by licensed electrical contractors. In addition, electrical feeds into the Power Distribution Unit shall be performed by licensed electrical contractors. Other connections between pieces of electrical equipment, calibrations and testing shall be performed by qualified GE Medical personnel. The products involved (and the accompanying electrical installations) are highly sophisticated, and special engineering competence is required. In performing all electrical work on these products, GE will use its own specially trained field engineers. All of GE's electrical work on these products will comply with the requirements of the applicable electrical codes.

The purchaser of GE equipment shall only utilize qualified personnel (i.e., GE's field engineers, personnel of third-party service companies with equivalent training, or licensed electricians) to perform electrical servicing on the equipment.

IMPORTANT...X-RAY PROTECTION

X-ray equipment if not properly used may cause injury. Accordingly, the instructions herein contained should be thoroughly read and understood by everyone who will use the equipment before you attempt to place this equipment in operation. The General Electric Company, Medical Systems Group, will be glad to assist and cooperate in placing this equipment in use.

Although this apparatus incorporates a high degree of protection against x-radiation other than the useful beam, no practical design of equipment can provide complete protection. Nor can any practical design compel the operator to take adequate precautions to prevent the possibility of any persons carelessly exposing themselves or others to radiation.

It is important that anyone having anything to do with x-radiation be properly trained and fully acquainted with the recommendations of the National Council on Radiation Protection and Measurements as published in NCRP Reports available from NCRP Publications, 7910 Woodmont Avenue, Room 1016, Bethesda, Maryland 20814, and of the International Commission on Radiation Protection, and take adequate steps to protect against injury.

The equipment is sold with the understanding that the General Electric Company, Medical Systems Group, its agents, and representatives have no responsibility for injury or damage which may result from improper use of the equipment.

Various protective materials and devices are available. It is urged that such materials or devices be used.

LITHIUM BATTERY CAUTIONARY STATEMENTS



CAUTION
Risk of
Explosion

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.



ATTENTION
Danger
d'Explosion

Il y a danger d'explosion s'il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du même type ou d'un type recommandé par le constructeur. Mettre au rebut les batteries usagées conformément aux instructions du fabricant.

OMISSIONS & ERRORS

Customers, please contact your GE Sales or Service representatives.

GE personnel, please use the GEMS CQA Process to report all omissions, errors, and defects in this publication.

Revision History

Revision	Date	Reason for change
1	05/03/18	Initial release.
2	12/03/18	Add TG18 patterns installation procedure.

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Chapter 1

Introduction

Section 1.0 Overview

The option kit (5798612) provides a 19inch monitor solution complies to German DIN6868-157. Customers can choose to purchase this option if they use their CT system for the primary diagnostic image review by the radiologist.

This option is planning to be available for the following forward products (please follow the proper PCM configuration):

- Optima CT520 with DoD
- Optima CT540
- Discovery RT
- Revolution EVO
- Revolution Discovery CT
- Revolution Frontier

And this option is also available for the customer purchased the Digital In-Room Monitor Kit B7710AN.

Section 2.0 Material List

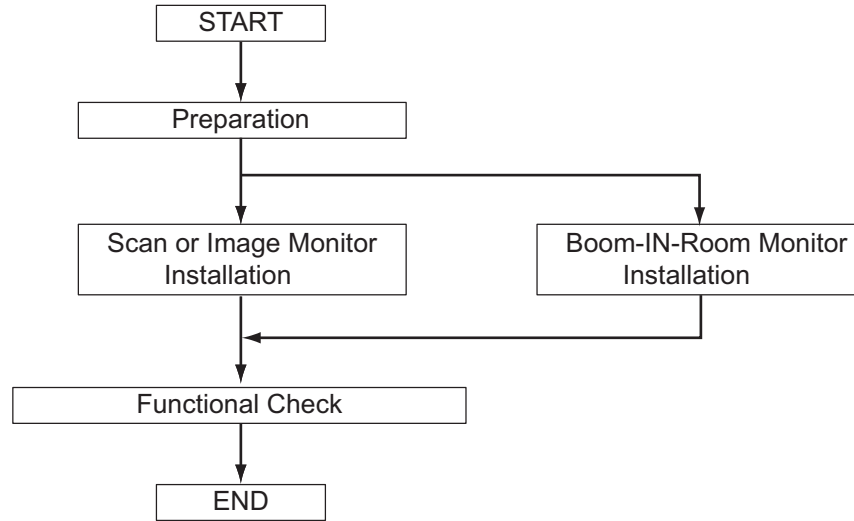
Verify that the contents of this option kit are correct according to the Material List below.

Part Number	Description	Qty
5746368	19inch LCD HB color Monitor W Stand	1
5797891	Boom in Room DIN Monitor Spacer	1
1000-M4C020-04	Hexagon Socket Head Cap Screw, M4-0.7, X20mm Long, Grade 8.8 Steel, Zinc Plated, RoHS Fastener	4
2000-M4-02	Flat Washer, ISO7089, M4, Steel 140HV, Zinc Plated, RoHS Fastener	4
2203-M4-07	Curved Lock Washer, DIN 128A, M4, Spring Steel, Zinc Plated, RoHS Fastener	4
5798612-1EN	DIN6868-157 19inch LCD Monitor Option Installation	1

Table 1-1 DIN6868-157 19inch LCD Monitor Option Kit (5798612)

Section 3.0 Flowchart

The Illustration below shows the main flow of the installation procedures of the option.



Chapter 2

Installation Procedure

Section 1.0 Overview

This instruction describes the hardware installation procedure.

Section 2.0 Installation Procedure

2.1 Operator-Room Monitor Installation

- 1.) Unpack the monitor option kit package to take out the LCD monitor and place it on desk.
- 2.) Make sure the Operator Console is power off.
- 3.) Remove the rear little cover from the back of the monitor by unscrewing its one screw.

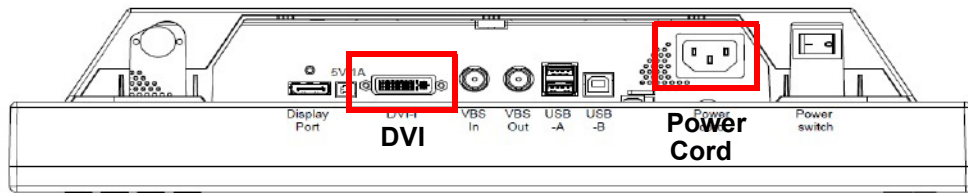
Figure 2-1 DIN LCD Monitor



Rear Little Cover

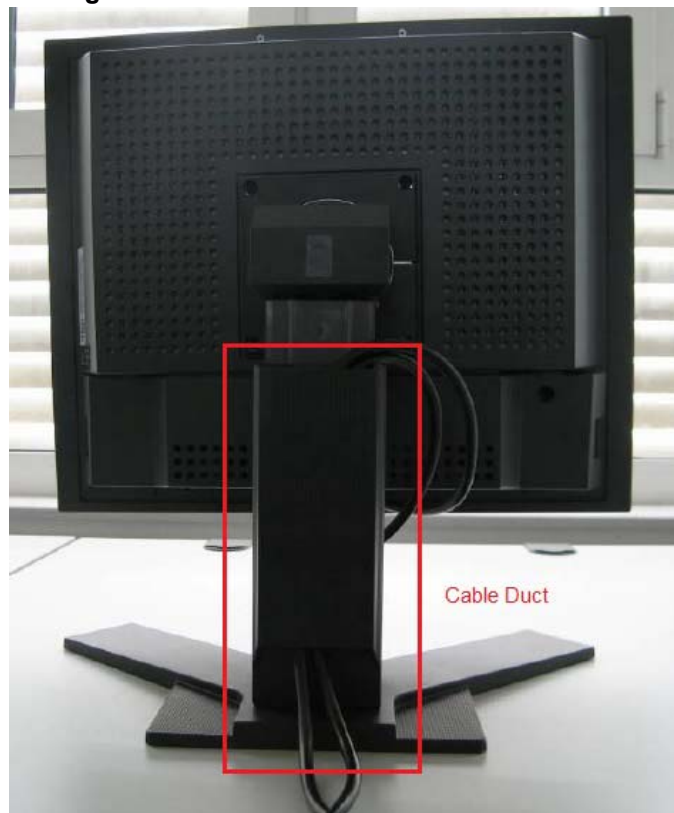
- 4.) Take out the signal and power cables shipped with Console, connect them to the monitor (DVI and Power Cord).

Figure 2-2 Remove Rear Little Cover to Connect Cables



- 5.) Reinstall the rear litter cover and route two monitor cables in the cable duct.

Figure 2-3 Cables Routing



- 6.) Connect monitor cables to Console for the **Image Monitor**.
 - Signal Cable: Console Host DVI-D
 - Power Cable: Console AC Box (meet the proper System Installation Manual)



NOTICE If the scan monitor is **DIN6868-157 19inch LCD monitor**, please refer the proper **System Installation Manual for the scan monitor (EIZO or HP) cables connection**.

2.2 In-Room Monitor Installation

Note: If customer has been purchased **Boom-In-Room Kit** and **DIN6868-157 19inch LCD Monitor Option Kit**, FE should use **DIN6868-157 19inch LCD monitor** for In-Room monitor installation.

- 1.) Please refer **Boom-In-Room Installation Manual** for the Boom assembly installation.
- 2.) Make sure the Operator Console is power off.
- 3.) Unpack the monitor option kit package to take out the LCD monitor.
- 4.) Remove the monitor stand by unscrewing four screws.

Figure 2-4 Monitor Stand Removal



- 5.) Remove the rear litter cover from the back of the monitor by unscrewing its one screw.

Figure 2-5 Stand and Rear Litter Cover Removal



- 6.) Tear off the protective paper from the spacer (5797891). Make the adhesive side face to handle. Pass four M4x20mm screws (1000-M4C020-04, shipped with DIN option kit) through four screw holes on LCD Bracket, LCD Handle and Spacer.


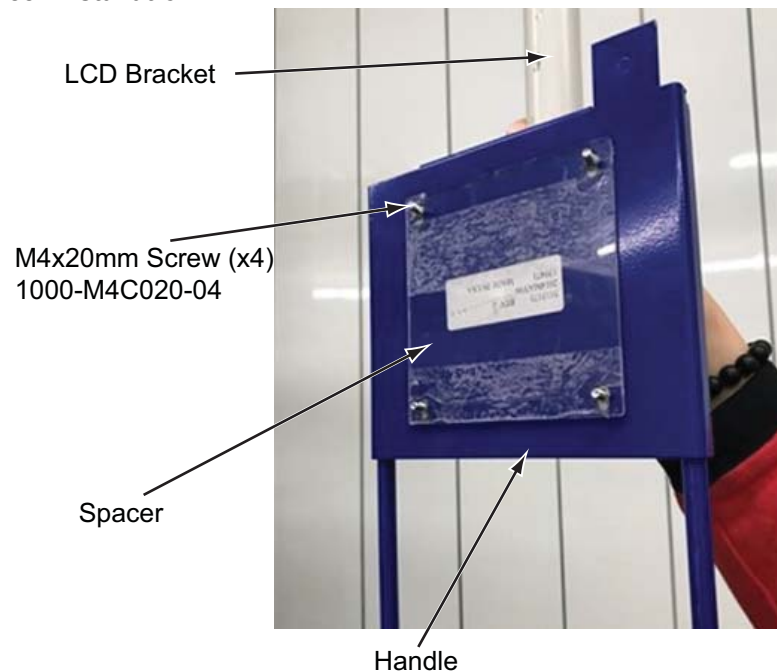
 **CAUTION** **DO NOT use four M4 screws shipped with BOOM-In-Room Kit to secure DIN6868-157 LCD monitor, ONLY use four M4x20mm screws (1000-M4C020-04, shipped with DIN option kit) to secure the monitor.**

Figure 2-6 Spacer Installation



- 7.) Fix the DIN monitor on the handle by using four M4x20mm screws (1000-M4C020-04, shipped with DIN option kit), apply torque of 2.3Nm+/-10%.

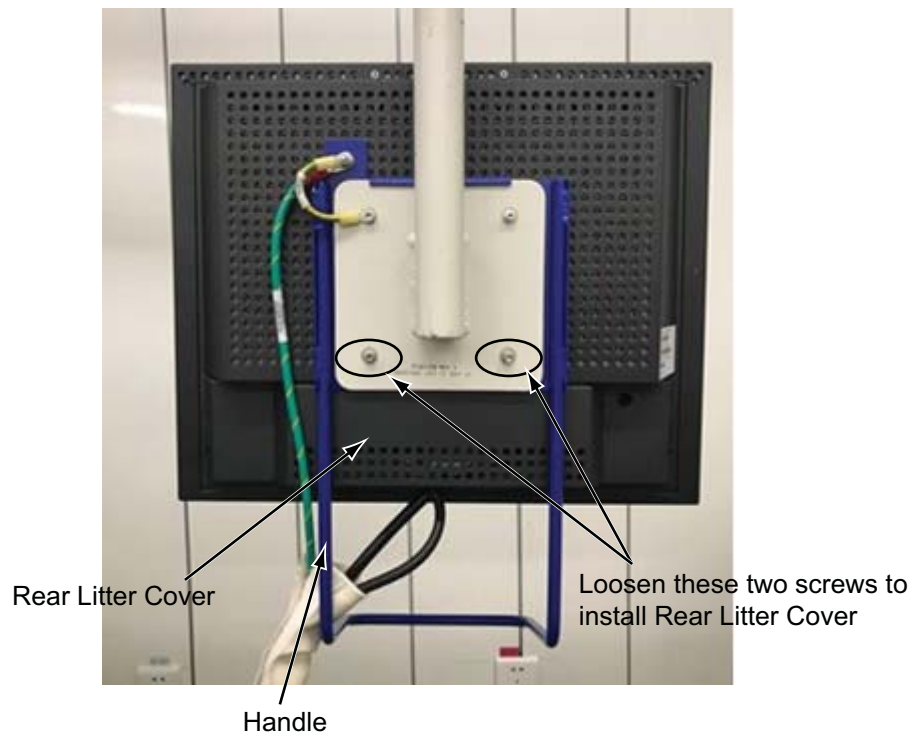
Figure 2-7 Monitor Installation



- 8.) Please refer Boom-In-Room Installation Manual for the In-Room Monitor cable connections.
- 9.) Reinstall the rear litter cover.

Note: If there is interference between the rear litter cover and the handle, you can loosen two screws (as shown in [Figure 2-8](#)) to install the rear litter cover, then fasten two screws by torque of 2.3Nm+/-10%.

Figure 2-8 Monitor Cables Connection

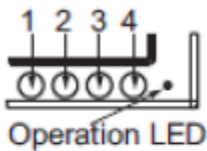


Section 3.0 OSD Settings

3.1 Operator-Room Monitor Settings

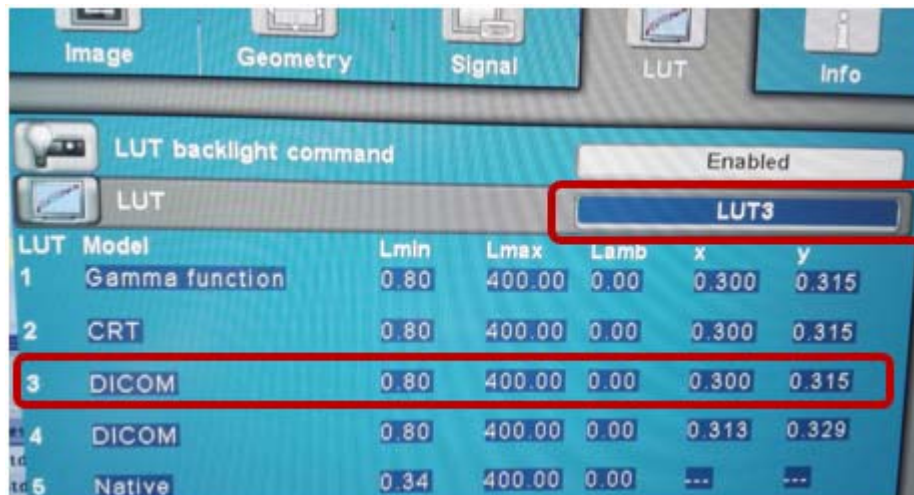
- 1.) Keep default setting: "LUT 3" in **LUT** menu.
- 2.) Checking methods:

Figure 2-9 LCD Monitor Operation Key



Key	Action
1	<ul style="list-style-type: none"> • Open OSD menu • Open main menu • Toggle between submenu
2	<ul style="list-style-type: none"> • Toggle between main menu • Decrease/change value
3	<ul style="list-style-type: none"> • Toggle between main menu • Increase/change value
4	Leave OSD or submenu (settings are retained)

- a.) Unlock the OSD by the key sequence: press key 4 once and key 2 three times.
- b.) Press key 3, move to **LUT**.
- c.) Check if the settings are as below.



- d.) Press key 4 to exit.
- e.) Press key 2 to "reject all changes in the OSD".
- f.) Lock the OSD by the key sequence: press key 4 once and key 2 three times.

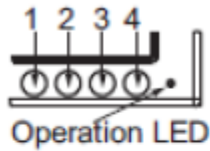


NOTICE If the following two cases happened on the Site, please follow [Section 3.2 In-Room Monitor Settings](#) to set the operator room image monitor.

- The ambient illuminance in operator room is high and the operator room image monitor can't pass DIN6868-157 test
- Or, the operator room ambient illuminance is 200Lx to 500Lx during DIN6868-157 test

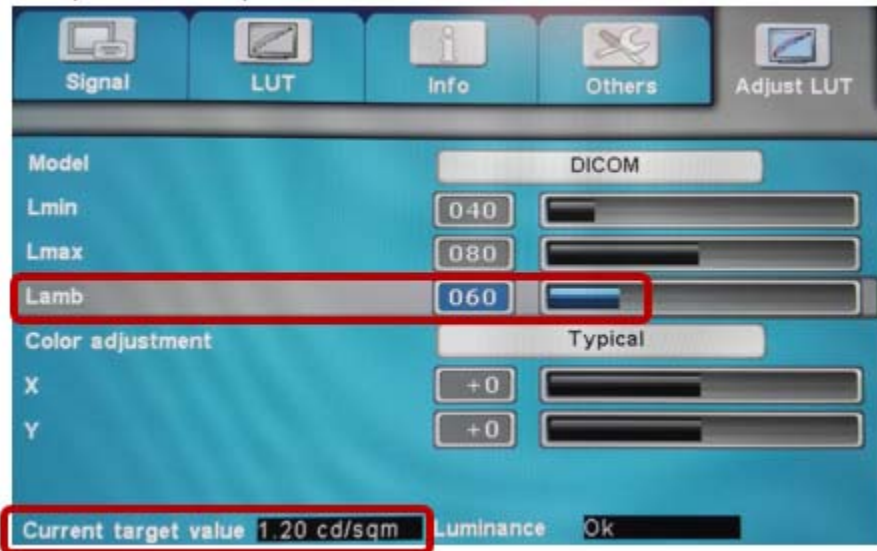
3.2 In-Room Monitor Settings

Figure 2-10 LCD Monitor Operation Key

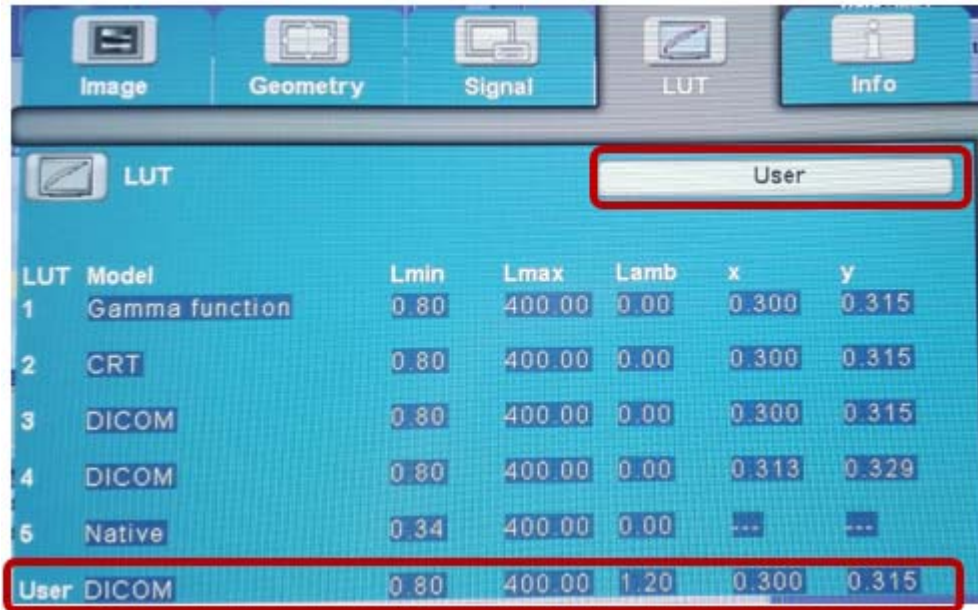


Key	Action
1	<ul style="list-style-type: none"> • Open OSD menu • Open main menu • Toggle between submenu
2	<ul style="list-style-type: none"> • Toggle between main menu • Decrease/change value
3	<ul style="list-style-type: none"> • Toggle between main menu • Increase/change value
4	Leave OSD or submenu (settings are retained)

- 1.) Unlock the OSD by the key sequence: press key 4 once and key 2 three times.
- 2.) Press key 3, move to **LUT**.
- 3.) Press key 1 enter to sub menu, then use key 3 to select **User** for LUT.
- 4.) Press key 4 back to main menu.
- 5.) Press key 3 to **Adjust LUT**.
- 6.) Use key 1 move to **Lamb**, press key 3 to set as "060", check if the "Current target value (on the OSD lower left corner)" = 1.20cd/sqm.



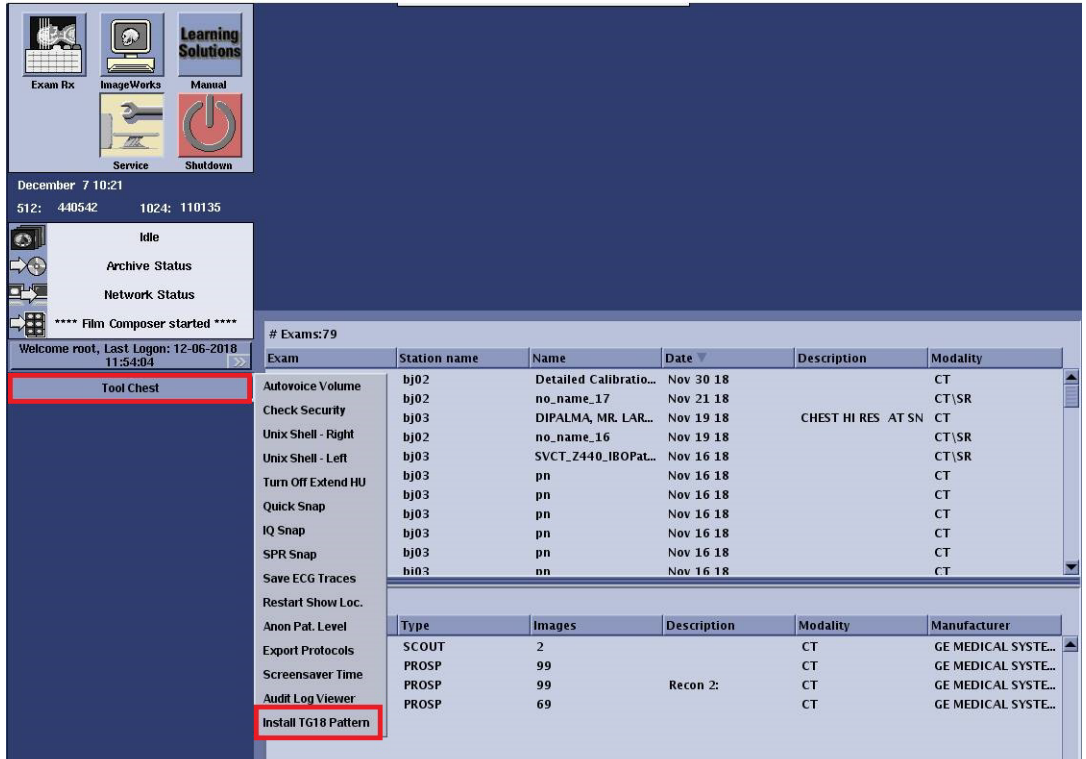
- 7.) Press key 1 to **Color Adjustment**, use key 3 to select **Typical**.
- 8.) Press key 4 back to main menu. Use key 2 back to **LUT**, check if the settings are the same as below.



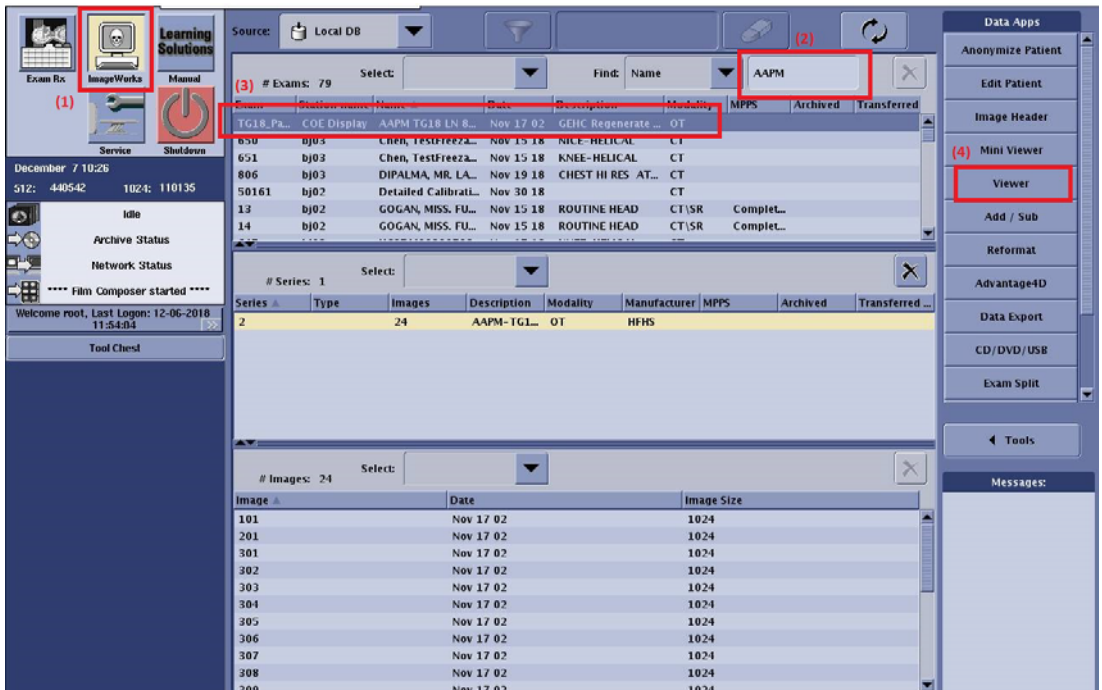
- 9.) Press key 4 to exit.
- 10.) Press key 1 to "Save all changes in the OSD".
- 11.) Lock the OSD by the key sequence: press key 4 once and key 2 three times.

Section 4.0 TG18 Pattern Installing and Viewing

- 1.) Click [Tools Chest] button, then select "Install TG18 Pattern" in pop up window.



- 2.) Switch to ImageWorks (1) window and search "AAPM" (2, image name) in the search bar, then TG18 Pattern will be found in the exam list.
- 3.) Choose TG18 Pattern (3) and click "Viewer" (4) to enter the image window.



2 - INSTALLATION PROCEDURE

Section 5.0 FRU Request

If DIN6868-157 19inch LCD Monitor is defective, please order new monitor according to the below list.

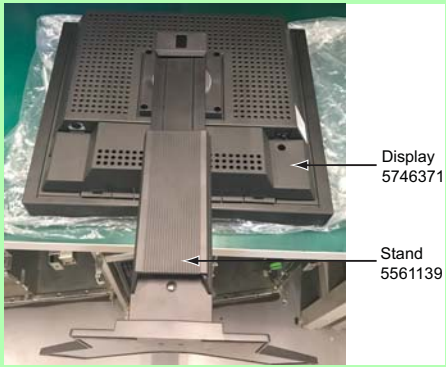

Failure	FRU	Picture
Operator-Room Monitor	5746371 (Display) + 5561139 (Stand)	
In-Room Monitor	5746371 (Display)	

Table 2-1 DIN Monitor FRU List

Section 6.0 Function Check

- 1.) Perform Power On Self Test:
 - a.) Switch ON the main switch of the OC.
 The test progress information is displayed on the monitor.
 - b.) Verify that the system starts up normally.
- 2.) Perform the normal test scanning and check that the images are normal.

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