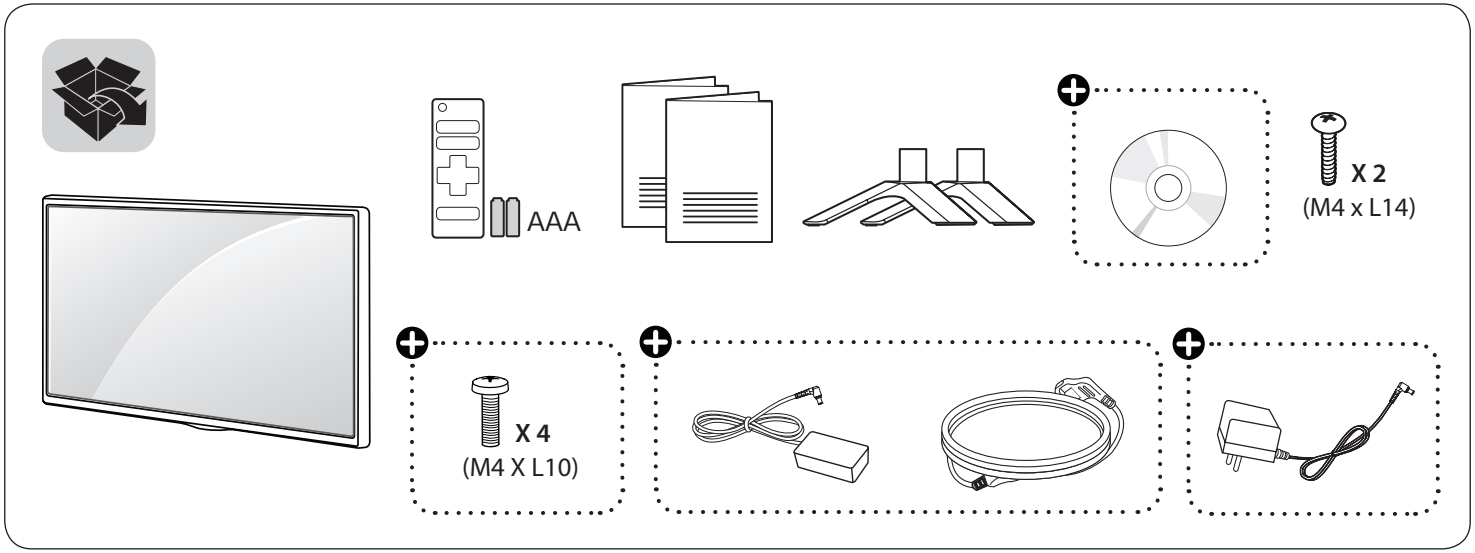
LG
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LED TV

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MFL70541102
(1804-REV00)

Depending on country / Në varësi të shtetit / В зависимост от страната / Ovisno o zemlji / V závislosti na regionu / Zavisno od države / Afhankelijk van het land / En función del país / Sõltub riigist / Selon les pays / Abhängig vom Land / Ανάλογα με τη χώρα / A seconda del Paese / Елге байланысты / Atkarīgs no valsts / Priklausomai nuo šalies / Во зависност од земјата / Országfüggő / Zależnie od kraju / Dependendo do país / În funcţie de ţară / В зависимости от страны / Závisí od krajiny / Odvisno od države / Залежно від країни / Mamlakatga bog'liq ravishda / حسب البلد / Ülkeye bağlı

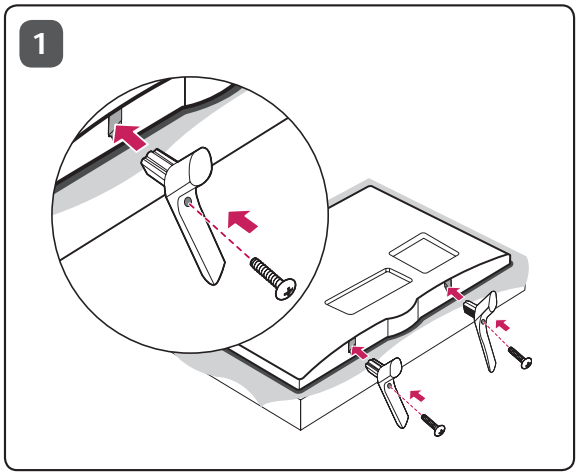


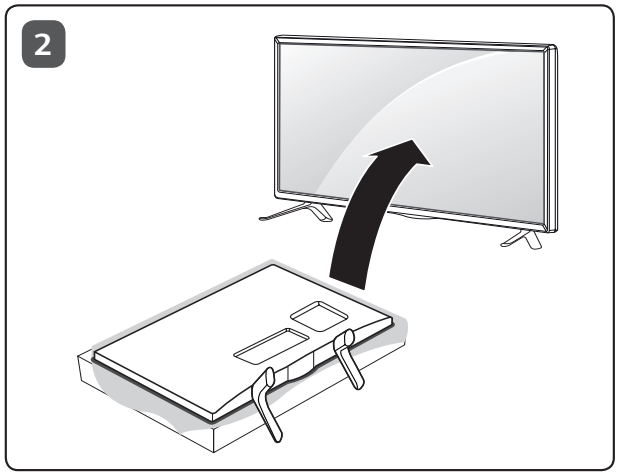
English	Read **Safety and Reference**.
Shqip	Lexo **Siguria dhe referencat**.
Български	Прочетете **Безопасност и справки**.
Hrvatski	Pročitajte **Sigurnost i reference**.
Česky	Přečtěte si část **Bezpečnost a reference**.
Srpski	Pročitajte **Bezbednost i informacije**.
Nederlands	Lees **Veiligheid en referentie** goed door.
Español	Leer **Seguridad y Referencias**.
Eesti	Lugege **Ohutus ja viited**.
Français	Lire le document **Sécurité et référence**.
Deutsch	Bitte lesen Sie die **Sicherheitshinweise und Referenzen.**
Ελληνικά	Ανάγνωση **Ασφάλεια και αναφορά**.
Italiano	Leggere **Sicurezza e informazioni di riferimento**.
Қазақша	**Қауіпсіздік нұсқаулық** бөлімін оқыңыз.
Latviešu	Izlasiet **Drošībai un uzziņai**.
Lietuvių k.	Perskaitykite **„Saugumas ir nuorodos“**.
Македонски	Прочитајте во **Безбедносни информации и референтни материјали**.
Magyar	Lásd: **Biztonsági óvintézkedések**.
Polski	Przeczytaj **Zasady bezpieczeństwa i informacje dodatkowe**.
Português	Consulte o manual **Segurança e Referência**.
Română	Citiţi **Siguranţă şi referinţe**.
Русский	Прочитайте **Руководство по технике безопасности**.
Slovenčina	Prečítajte si časť **Bezpečnosť a referencie**.
Slovenščina	Preberite **Varnostne informacije in napotki**.
Українська	Прочитайте **Правила безпеки та довідкова інформація**.
O’zbekcha	**Xavfsizlik va ma’lumotnoma**ni o’qing.
Türkçe	**Güvenlik ve Referans** bölümünü okuyun.
العربية	قراءة **الأمان والمرجع**.

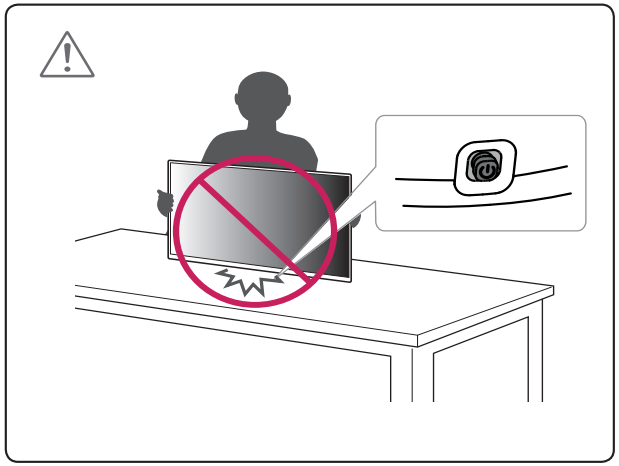


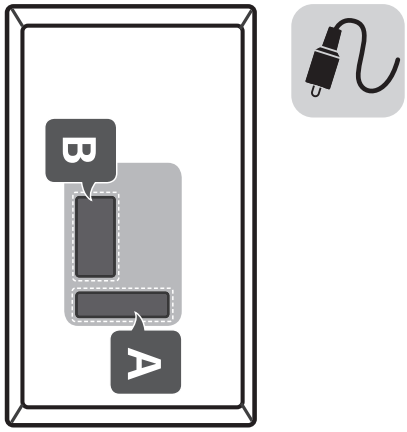


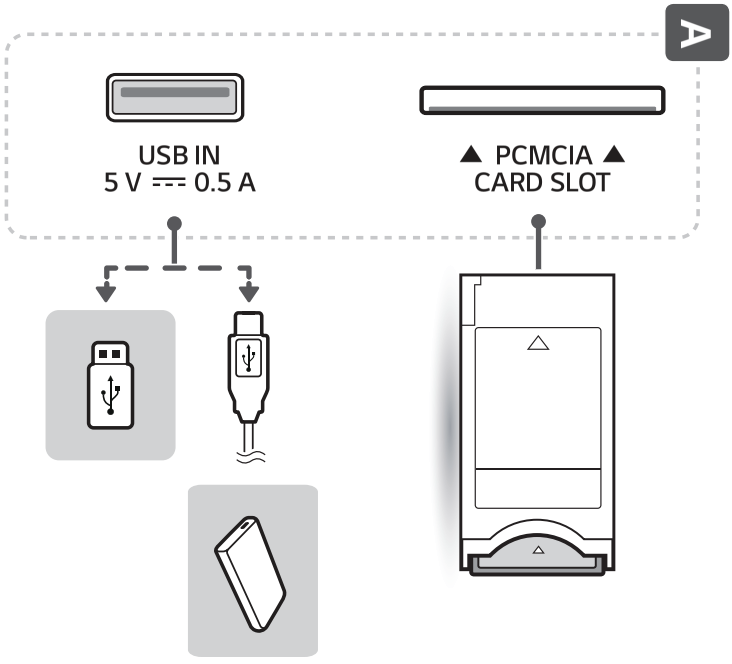


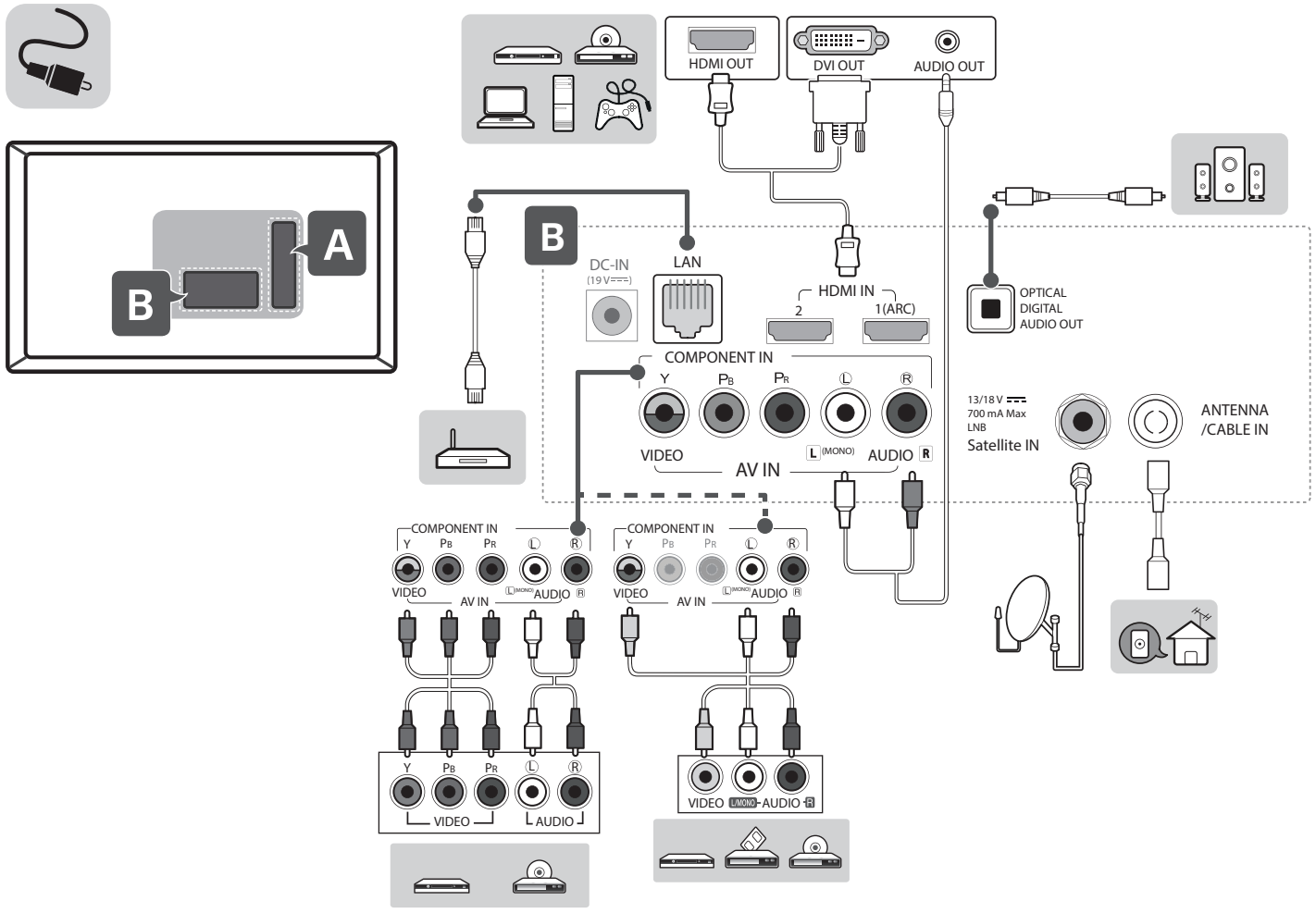

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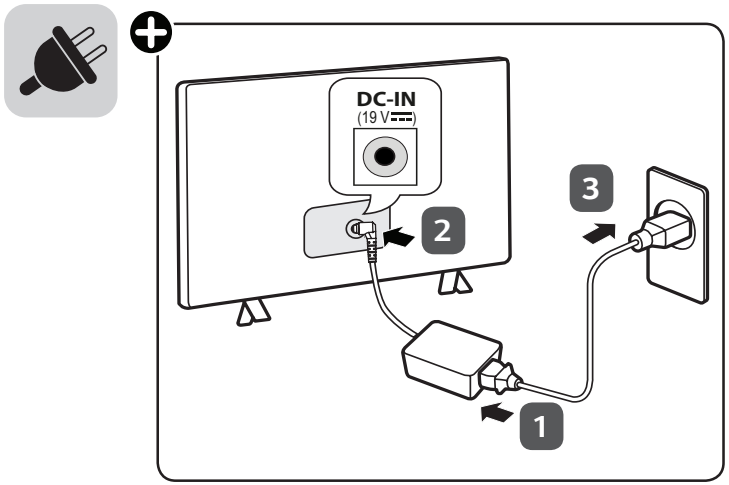

2

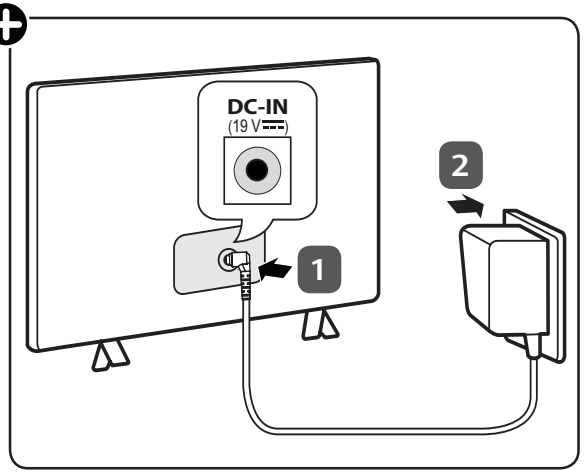


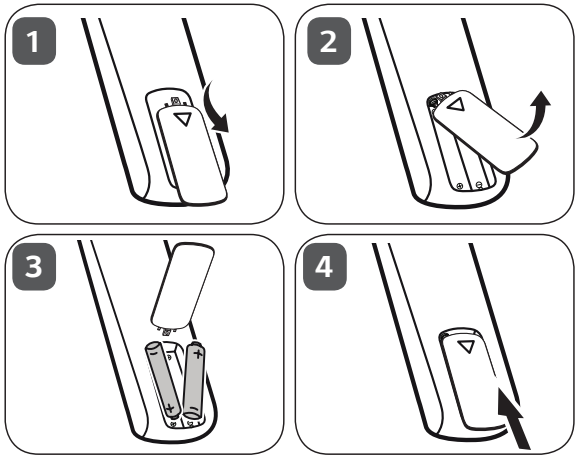

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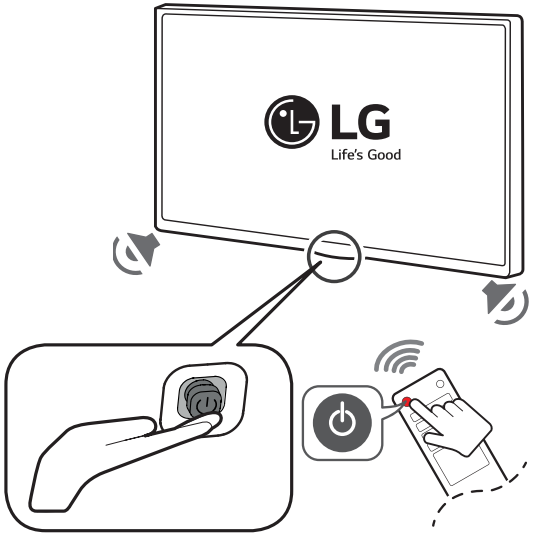

A
USB IN
5 V ⎓ 0.5 A
▲ PCMCIA ▲
CARD SLOT


A
B
HDMI OUT
DVI OUT
AUDIO OUT
B
DC-IN
(19 V⎓)
LAN
HDMI IN
2
1(ARC)
OPTICAL
DIGITAL
AUDIO OUT
COMPONENT IN
Y
PB
PR
L
R
VIDEO
AV IN
L (MONO)
AUDIO R
13/18 V ⎓
700 mA Max
LNB
Satellite IN
ANTENNA
/CABLE IN
COMPONENT IN
VIDEO
AV IN
AUDIO
COMPONENT IN
VIDEO
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AUDIO
VIDEO
AUDIO


DC-IN
(19 V⎓)
1
2
3


DC-IN
(19 V⎓)
1
2


1
2
3
4


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English

Wireless LAN module(LGSWFAC71) Specification	
Wireless LAN (IEEE 802.11a/b/g/n/ac)	
Frequency Range	Output Power(Max.)
2400 to 2483.5 MHz	13 dBm
5150 to 5725 MHz	16.5 dBm
5725 to 5850 MHz (Not for EU)	10 dBm

* "IEEE 802.11ac" is not available in all countries.

- As band channels can vary per country, the user cannot change or adjust the operating frequency. This product is configured for the regional frequency table.
- For consideration of the user, this device should be installed and operated with a minimum distance of 20 cm between the device and the body.

ČESKY

Technické údaje modulu bezdrátové sítě LAN (LGSWFAC71)	
Bezdrátové sítě LAN (IEEE 802.11a/b/g/n/ac)	
Frekvenční rozsah	Výstupní výkon (max.)
2 400 až 2 483,5 MHz	13 dBm
5 150 až 5 725 MHz	16,5 dBm
5 725 až 5 850 MHz (Pro státy mimo EU)	10 dBm

* Standard "IEEE802.11ac" není dostupný ve všech zemích.

- Kanály pásma se mohou v různých zemích lišit. Uživatel proto nemůže změnit ani upravit provozní frekvenci. Tento produkt je nastaven podle regionální tabulky frekvencí.
- Informace pro uživatele: Toto zařízení by mělo být instalováno a používáno s minimální vzdáleností 20 cm mezi zařízením a vaším tělem.

БЪЛГАРСКИ

Спецификации на модула за безжична LAN (LGSWFAC71)	
безжична LAN (IEEE 802.11a/b/g/n/ac)	
Честотен обхват	Изходяща мощност (макс.)
от 2 400 до 2 483,5 MHz	13 dBm
от 5 150 до 5 725 MHz	16,5 dBm
от 5 725 до 5 850 MHz (За страни извън ЕС)	10 dBm

* "IEEE802.11ac" не е в наличност във всички държави.

- Тъй като честотните канали се различават в зависимост от държавата, потребителят не може да сменя или регулира работната честота. Този продукт е конфигуриран за таблицата за регионалната честота.
- По преценка на потребителя това устройство трябва да бъде монтирано и експлоатирано при минимално разстояние от 20 cm между устройството и тялото.

DEUTSCH

Spezifikation für WLAN-Modul (LGSWFAC71)	
WLAN (IEEE 802.11a/b/g/n/ac)	
Frequenzbereich	Ausgangsleistung (Max.)
2.400 bis 2.483,5 MHz	13 dBm
5.150 bis 5.725 MHz	16,5 dBm
5.725 bis 5.850 MHz (Für Nicht-EU-Länder)	10 dBm

* "IEEE802.11ac" ist in einigen Ländern nicht verfügbar.

- Da sich Frequenzkanäle je nach Land unterscheiden können, kann der Benutzer die Betriebsfrequenz nicht ändern oder anpassen. Dieses Gerät ist entsprechend der regionalen Frequenztabelle eingestellt.
- Dieses Gerät sollte zum Schutz des Benutzers mit einem Mindestabstand von 20 cm zwischen Gerät und Körper installiert und verwendet werden.

ΕΛΛΗΝΙΚΑ

Προδιαγραφές μονάδας ασύρματου LAN (LGSWFAC71)	
Ασύρματου LAN (IEEE 802.11a/b/g/n/ac)	
Εύρος συχνοτήτων	Ισχύς εξόδου (μέγ.)
2.400 έως 2.483,5 MHz	13 dBm
5.150 έως 5.725 MHz	16,5 dBm
5.725 έως 5.850 MHz (Για χώρες εκτός Ε.Ε.)	10 dBm

* Το "IEEE802.11ac" δεν είναι διαθέσιμο σε όλες τις χώρες.

- Καθώς τα κανάλια ζώνης μπορεί να διαφέρουν ανά χώρα, ο χρήστης δεν μπορεί να αλλάξει ή να προσαρμόσει τη συχνότητα λειτουργίας. Αυτό το προϊόν έχει διαμορφωθεί για τον πίνακα τοπικών συχνοτήτων.
- Προς ενημέρωση του χρήστη, αυτή η συσκευή θα πρέπει να εγκατασταθεί και να λειτουργήσει με ελάχιστη απόσταση 20 εκ. μεταξύ της συσκευής και του σώματος.

ESPAÑOL

Especificación del módulo de LAN inalámbrico (LGSWFAC71)	
LAN inalámbrico (IEEE 802.11a/b/g/n/ac)	
Rango de frecuencias	Potencia de salida (máx.)
De 2.400 a 2.483,5 MHz	13 dBm
De 5.150 a 5.725 MHz	16,5 dBm
De 5.725 a 5.850 MHz (Fuera de la UE)	10 dBm

* "IEEE802.11ac" no está disponible en todos los países.

- Dado que los canales de banda pueden variar según el país, el usuario no puede cambiar ni ajustar la frecuencia de funcionamiento. Este producto está configurado para la tabla de frecuencias de la región.
- Por seguridad del usuario, este dispositivo se debe instalar y utilizar con una distancia mínima de 20 cm entre el dispositivo y el cuerpo.

EESTI

Traadita LAN mooduli (LGSWFAC71) andmed	
Traadita LAN (IEEE 802.11a/b/g/n/ac)	
Sagedusvahemik	Väljundvõimsus (max.)
2400 kuni 2483,5MHz	13 dBm
5150 kuni 5725 MHz	16,5 dBm
5725 kuni 5850 MHz (Väljaspool ELi)	10 dBm

* Standard "IEEE802.11ac" ei ole kõikides riikides kättesaadav.

- Kasutaja ei saa töösagedust muuta ega reguleerida, kuna kanalite sagedused on riigiti erinevad. Toode on konfigureeritud vastavalt piirkondlike sagedusalade tabelile.
- Kasutaja ohutuse tagamiseks tuleb seade paigaldada ja seda kasutada nii, et seadme ja keha vaheline kaugus oleks vähemalt 20 cm.

FRANÇAIS

Spécifications du module LAN sans fil (LGSWFAC71)	
Sans fil LAN (IEEE 802.11a/b/g/n/ac)	
Plage de fréquence	Puissance en sortie (max.)
2 400 à 2 483,5 MHz	13 dBm
5 150 à 5 725 MHz	16,5 dBm
5 725 à 5 850 MHz (Hors Europe)	10 dBm

* La norme "IEEE802.11ac" n'est pas disponible dans tous les pays.

- Les canaux de bande pouvant varier selon le pays, l'utilisateur ne peut pas modifier ni régler la fréquence de fonctionnement. Ce produit est configuré conformément au tableau de fréquences régionales.
- Pour plus de sécurité, ce périphérique doit être installé et utilisé à une distance minimale de 20 cm de votre corps.

HRVATSKI

Specifikacije modula za bežični LAN (LGSWFAC71)	
bežični LAN (IEEE 802.11a/b/g/n/ac)	
Frekventni raspon	Izlazna snaga (maks.)
2.400 do 2.483,5 MHz	13 dBm
5.150 do 5.725 MHz	16,5 dBm
5.725 do 5.850 MHz (Za države izvan EU)	10 dBm

* Standard "IEEE802.11ac" nije dostupan u svim zemljama.

- Budući da se frekvencijski pojasi kanala mogu razlikovati ovisno o zemlji, korisnik ne može mijenjati niti prilagođavati radnu frekvenciju. Proizvod je konfiguriran sukladno tablici regionalnih frekvencija.
- Uređaj se iz sigurnosnih razloga prilikom montiranja i rada treba nalaziti najmanje 20 cm od korisnika.

MAGYAR

A vezeték nélküli LAN modul (LGSWFAC71) specifikációja	
Vezeték nélküli LAN (IEEE 802.11a/b/g/n/ac)	
Frekvencia-tartomány	Kimeneti teljesítmény (max.)
2400 - 2483,5 MHz	13 dBm
5150 - 5725 MHz	16,5 dBm
5725 - 5850 MHz (Az Európai Unión kívüli országokra vonatkozóan)	10 dBm

* Az "IEEE 802.11ac" nem érhető el minden országban.

- Mivel a sávcsatornák országonként eltérhetnek, a felhasználó nem változtathatja meg vagy állíthatja be a működési frekvenciát. Ezt a terméket a regionális frekvenciatáblázat szerint állították be.
- A felhasználó biztonsága érdekében legalább 20 centiméteres távolságnak kell lennie a teste és a készülék között, a felszerelés és működtetés közben.

ITALIANO

Specifiche tecniche del modulo Wireless LAN (LGSWFAC71)	
LAN wireless (IEEE 802.11a/b/g/n/ac)	
Gamma di frequenza	Potenza in uscita (Max.)
Da 2.400 a 2.483,5 MHz	13 dBm
Da 5.150 a 5.725 MHz	16,5 dBm
Da 5.725 a 5.850 MHz (Fuori dall'UE)	10 dBm

* Lo standard "IEEE802.11ac" non è disponibile in tutti i paesi.

- Dal momento che i canali della banda possono variare in base al paese, l'utente non può modificare o regolare la frequenza operativa. Questo prodotto è configurato in base alla tabella di frequenza regionale.
- Nel rispetto della salute dell'utente, questo dispositivo deve essere installato e utilizzato a una distanza minima di 20 cm dal corpo umano.

ҚАЗАҚША

Сымсыз LAN модулінің (LGSWFAC71) техникалық сипаттамасы	
Сымсыз LAN (IEEE 802.11a/b/g/n/ac)	
Жиілік диапазоны	Шығыс қуаты (макс.)
2400 - 2483,5 МГц	13 дБм
5150 - 5725 МГц	16,5 дБм
5725 - 5850 МГц (Non ЕО үшін)	10 дБм

* "IEEE802.11ac" барлық елдерде қолжетімді бола бермейді.

- Диапазон арналары елге байланысты әртүрлі болатындықтан, пайдаланушы жұмыс жиілігін өзгерте немесе реттей алмайды. Бұл өнім аймақтық жиілік кестесіне сәйкес конфигурацияланады.
- Пайдаланушыға ескерту: бұл құрылғы адам денесі мен құрылғының арасында ең азы 20 см аралықта орнатылып, пайдаланылуы қажет.

LIETUVIŲ K.

Belaidžio LAN modulio (LGSWFAC71) specifikacijos	
Belaidis LAN (IEEE 802.11a/b/g/n/ac)	
Dažnių diapazonas	Išvesties galia (maks.)
2400 – 2483,5 MHz	13 dBm
5150 – 5725 MHz	16,5 dBm
5725 – 5850 MHz (Skirta ne ES)	10 dBm

* "IEEE802.11ac" galimas ne visose šalyse.

- Kadangi kanalų diapazonai skiriasi įvairiose šalyse, vartotojas negali keisti arba reguliuoti veikimo dažnio. Šis produktas yra sukonfigūruotas pagal regioninę dažnių lentelę.
- Vartotojas turi sumontuoti ir naudoti šį įrenginį ne mažesniu nei 20 cm atstumu nuo įrenginio ir kūno.

LATVIEŠU

Bezvadu LAN moduļa (LGSWFAC71) specifikācija	
Bezvadu LAN (IEEE 802.11a/b/g/n/ac)	
Frekvenču diapazons	Izejas jauda (maks.)
No 2400 līdz 2483,5 MHz	13 dBm
No 5150 līdz 5725 MHz	16,5 dBm
No 5725 līdz 5850 MHz (Ārpus ES)	10 dBm

* "IEEE802.11ac" nav pieejams visās valstīs.

- Tā kā joslas kanāli dažādās valstīs var atšķirties, lietotājs nevar mainīt vai pielāgot darba frekvenci. Šis produkts ir konfigurēts reģionālo frekvenču tabulai.
- Lietotājam jāņem vērā, ka ierīce jāuzstāda un jālieto, ievērojot vismaz 20 cm attālumu starp ierīci un ķermeni.

МАКЕДОНСКИ

Спецификации на модул за безжичен LAN (LGSWFAC71)	
Безжичен LAN (IEEE 802.11a/b/g/n/ac)	
Фреквентен опсег	Излезна моќност (Макс.)
2.400 до 2.483,5 MHz	13 dBm
5.150 до 5.725 MHz	16,5 dBm
5.725 до 5.850 MHz (За земји кои не се во ЕУ)	10 dBm

* "IEEE802.11ac" не е достапно во сите земји.

- Бидејќи фреквентните канали може да се разликуваат во зависност од земјата, корисникот не може да ја промени или прилагоди работната фреквенција. Овој производ е конфигуриран според табелата за регионални фреквенции.
- За доброто на корисникот, овој уред треба да биде поставен и управуван на минимално растојание од 20 cm помеѓу уредот и телото.

NEDERLANDS

Specificatie van de WLAN-module (LGSWFAC71)	
Draadloze LAN (IEEE 802.11a/b/g/n/ac)	
Frequentiebereik	Uitgangsvermogen (max.)
2400 tot 2483,5 MHz	13 dBm
5150 tot 5725 MHz	16,5 dBm
5725 tot 5850 MHz (Voor buiten de EU)	10 dBm

* "IEEE802.11ac" is niet in alle landen beschikbaar.

- Omdat bandkanalen kunnen verschillen per land, kan de gebruiker de bedieningsfrequentie niet wijzigen of aanpassen. Dit product is geconfigureerd voor de regionale frequentietabel.
- Het is optimaal voor de gebruiker als dit apparaat op minimaal 20 cm van het lichaam wordt geïnstalleerd en bediend.

POLSKI

Dane techniczne bezprzewodowego modułu LAN (LGSWFAC71)	
Karta sieciowa wi-fi (IEEE 802.11a/b/g/n/ac)	
Zakres częstotliwości	Moc wyjściowa (maks.)
2400 – 2483,5 MHz 5150 – 5725 MHz 5725 – 5850 MHz (Poza terytorium Unii Europejskiej)	13 dBm 16,5 dBm 10 dBm

* Standard "IEEE802.11ac" nie jest dostępny we wszystkich krajach.

- Z uwagi na to, że kanały pasma mogą różnić się w zależności od kraju, użytkownik nie może zmienić bądź regulować częstotliwości pracy. Produkt został skonfigurowany zgodnie z tabelą częstotliwości dla danego regionu.
- Podczas montażu lub użytkowania urządzenia nie należy zbliżać się do niego na odległość mniejszą niż 20 cm.

PORTUGUÊS

Especificação do módulo LAN sem fios (LGSWFAC71)	
LAN sem fios (IEEE 802.11a/b/g/n/ac)	
Intervalo de frequência	Potência de saída (máx.)
2400 a 2483,5 MHz 5150 a 5725 MHz 5725 a 5850 MHz (Para países fora da União Europeia)	13 dBm 16,5 dBm 10 dBm

* O padrão "IEEE802.11ac" não se encontra disponível em todos os países.

- Uma vez que os canais de banda podem variar consoante o país, o utilizador não pode alterar nem ajustar a frequência de funcionamento. Este produto está configurado para a tabela de frequência regional.
- À atenção do utilizador: este dispositivo deve ser instalado e utilizado a uma distância mínima de 20 cm entre o dispositivo e o corpo.

ROMÂNĂ

Specificaţiile modulului LAN fără fir (LGSWFAC71)	
LAN fără fir (IEEE 802.11a/b/g/n/ac)	
Domeniu de frecvenţe	Putere de ieşire (Max.)
2.400 - 2.483,5 MHz 5.150 - 5.725 MHz 5.725 - 5.850 MHz (Pentru non-EU)	13 dBm 16,5 dBm 10 dBm

* "IEEE802.11ac" nu este disponibil în toate ţările.

- Deoarece canalele de bandă pot varia în funcţie de ţară, utilizatorul nu poate modifica sau regla frecvenţa de operare. Acest produs este configurat pentru tabelul de frecvenţe regionale.
- Pentru respect faţă de utilizator, acest dispozitiv trebuie instalat şi operat la o distanţă minimă de 20 cm între dispozitiv şi corp.

РУССКИЙ

Спецификация модуля беспроводной ЛВС (LGSWFAC71)	
беспроводной LAN (IEEE 802.11a/b/g/n/ac)	
Диапазон частот	Выходная мощность (Макс.)
2400 – 2483,5 МГц 5150 – 5725 МГц 5725 – 5850 МГц (Для стран, не входящих в ЕС)	13 дБм 16,5 дБм 10 дБм

* Стандарт "IEEE802.11ac" недоступен в некоторых странах.

- Поскольку диапазоны могут отличаться в разных странах, пользователь не может изменять или настраивать рабочую частоту. Этот продукт настроен в соответствии с таблицей частот в регионах.
- Для безопасности пользователя устройство необходимо устанавливать и использовать на расстоянии минимум 20 см от пользователя.

SLOVENČINA

Technické parametre modulu pre bezdrôtovú sieť LAN (LGSWFAC71)	
Bezdrôtovú sieť LAN (IEEE 802.11a/b/g/n/ac)	
Frekvenčný rozsah	Výstupný výkon (max.)
2 400 až 2 483,5 MHz	13 dBm
5 150 až 5 725 MHz	16,5 dBm
5 725 až 5 850 MHz (Pre krajiny mimo EÚ)	10 dBm

* Štandard "IEEE802.11ac" nie je dostupný vo všetkých krajinách.

- Kanály pásma sa môžu líšiť v závislosti od krajiny, používateľ preto nemôže zmeniť ani upraviť prevádzkovú frekvenciu. Tento produkt je nastavený na regionálnu tabuľku frekvencií.
- Informácia pre používateľov: Toto zariadenie by malo byť namontované a používané v minimálnej vzdialenosti 20 cm medzi zariadením a používateľom.

SLOVENŠČINA

Specifikacije brezžičnega adapterja LAN (LGSWFAC71)	
brezžičnega omrežja LAN (IEEE 802.11a/b/g/n/ac)	
Frekvenčni razpon	Izhodna moč (največ)
2.400 do 2.483,5 MHz	13 dBm
5.150 do 5.725 MHz	16,5 dBm
5.725 do 5.850 MHz (Za države izven EU)	10 dBm

* "IEEE802.11ac" ni na voljo v vseh državah.

- Pasovni kanali se lahko razlikujejo med državami, zato uporabnik ne more spremeniti ali prilagoditi delovne frekvence. Izdelek je konfiguriran v skladu s podatki v tabeli z regionalnimi frekvencami.
- Naprava naj bo nameščena in uporabljana najmanj 20 cm od uporabnikovega telesa.

SHQIP

Specifikimet e modulit LAN (LGSWFAC71)	
LAN me valë (IEEE 802.11a/b/g/n/ac)	
Shkalla e frekuencës	Fuqia në dalje (Maks.)
2400 në 2483,5 MHz	13 dBm
5150 në 5725 MHz	16,5 dBm
5725 në 5850 MHz (Për vendet jashtë BE-së)	10 dBm

* "IEEE802.11ac" nuk disponohet në të gjitha shtetet.

- Duke qenë se kanalet e bandës mund të ndryshojnë sipas shtetit, përdoruesi nuk mund të ndryshojë apo të rregullojë frekuencën funksionale. Ky produkt është konfiruruar për tabelës rajonale të frekuencave.
- Për t'u marrë parasysh nga përdoruesi, pajisja duhet të instalohet dhe të vihet në punë në një distancë prej së paku 20 cm midis pajisjes dhe trupit.

SRPSKI

Specifikacije bežičnog LAN modula (LGSWFAC71)	
Bežični LAN (IEEE 802.11a/b/g/n/ac)	
Frekvencijski opseg	Izlazna snaga (maksimalna)
2.400 do 2.483,5 MHz	13 dBm
5.150 do 5.725 MHz	16,5 dBm
5.725 do 5.850 MHz (Za države izvan EU)	10 dBm

* "IEEE802.11ac" nije dostupan u svim državama.

- Budući da se kanali iz opsega razlikuju u zavisnosti od države, korisnik ne može da izmeni ili prilagodi radnu frekvenciju. Ovaj uređaj je konfigurisan prema tabeli regionalnih frekvencija.
- Zbog bezbednosti korisnika, tokom montaže i rada uređaj treba da se nalazi najmanje 20 cm od korisnika.

УКРАЇНСЬКА

Технічні характеристики модуль бездротової локальної мережі (LGSWFAC71)	
бездротового мережевого зв'язку (IEEE 802.11a/b/g/n/ac)	
Частотний діапазон	Вихідна потужність (макс.)
2400 - 2483,5 МГц 5150 - 5725 МГц 5725 - 5850 МГц (Не для ЄС)	13 дБм 16,5 дБм 10 дБм

* Стандарт "IEEE802.11ac" підтримується не у всіх країнах.

- Оскільки в різних країнах використовуються різні діапазони каналів, користувач не може змінити чи налаштувати робочу частоту. Цей виріб налаштовано відповідно до таблиці регіональних частот.
- Цей пристрій слід встановити і використовувати на відстані щонайменше 20 см від пристрою та тіла.

العربية

مواصفات وحدة الشبكة المحلية LAN اللاسلكية (LGSWFAC71)	
LAN اللاسلكية (IEEE 802.11a/b/g/n/ac)	
نطاق التردد	طاقة الإخراج (الحد الأقصى)
من 2400 إلى 2483.5 ميجاهرتز من 5150 إلى 5725 ميجاهرتز من 5725 إلى 5850 ميجاهرتز (لا تشمل طرازات اوروبا)	13 ديسيبل ميللي واط 16.5 ديسيبل ميللي واط 10 ديسيبل ميللي واط

* لا يتوفر "IEEE802.11ac" في جميع البلدان.

• نظرًا إلى إمكانية تغيّر قنوات النطاق الترددي بحسب البلد، لا يمكن للمستخدم تغيير تردد التشغيل أو ضبطه. تم تكوين هذا المنتج لجدول التردد الإقليمي.

• لاعتبارات المستخدم، يجب تثبيت هذا الجهاز وتشغيله ضمن مسافة تبعد 20 سم على الأقل عن الجسم.

TÜRKÇE

Kablosuz LAN modülü (LGSWFAC71) teknik özellikleri	
Kablosuz LAN (IEEE 802.11a/b/g/n/ac)	
Frekans Aralığı	Çıkış Gücü (Maks.)
2.400 - 2.483,5 MHz 5.150 - 5.725 MHz 5.725 - 5.850 MHz (AB Dışındaki Ülkeler İçin)	13 dBm 16,5 dBm 10 dBm

* "IEEE802.11ac" tüm ülkelerde mevcut değildir.

- Bant kanalları ülkelere göre değişebilir bu nedenle kullanıcı çalışma frekansını değiştiremez ya da ayarlayamaz. Bu ürün bölgesel frekans tablosuna uygun olarak yapılandırılmıştır.
- Kullanıcının optimum rahatlığı için bu aygıt, aygıt ve beden arasında en az 20 cm mesafe olacak şekilde kurulmalı ve çalıştırılmalıdır.


LG
Life's Good

OWNER'S MANUAL

Safety and Reference

LED TV*
*LG LED TV applies LCD screen with LED backlights.

Please read this manual carefully before operating your TV and retain it for future reference.

28TK420S

www.lg.com

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Licenses

Supported licenses may differ by model. For more information about licenses, visit *www.lg.com*.

HIGH-DEFINITION MULTIMEDIA INTERFACE

Open source software notice information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit *http://opensource.lge.com*.

In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

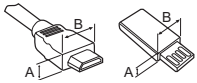
LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to *opensource@lge.com*.

This offer is valid for a period of three years after our last shipment of this product. This offer is valid to anyone in receipt of this information.

Preparing

NOTE

- Image shown may differ from your TV.
- Your TV's OSD (On Screen Display) may differ slightly from that shown in this manual.
- The available menus and options may differ from the input source or product model that you are using.
- New features may be added to this TV in the future.
- The TV can be placed in standby mode in order to reduce the power consumption. And the TV should be turned off if it will not be watched for some time, as this will reduce energy consumption.
- The energy consumed during use can be significantly reduced if the level of brightness of the picture is reduced, and this will reduce the overall running cost.
- The items supplied with your product may vary depending on the model.
- Product specifications or contents of this manual may be changed without prior notice due to upgrade of product functions.
- For an optimal connection, HDMI cables and USB devices should have bezels less than 10 mm thick and 18 mm width. Use an extension cable that supports USB 2.0 if the USB cable or USB memory stick does not fit into your TV's USB port.



*A ≦ 10 mm
*B ≦ 18 mm

- Use a certified cable with the HDMI logo attached. If you do not use a certified HDMI cable, the screen may not display or a connection error may occur.
- Recommended HDMI cable types
  - High-Speed HDMI®/™ cable
  - High-Speed HDMI®/™ cable with Ethernet

CAUTION

- Do not use any unapproved items to ensure the safety and product life span.
- Any damage or injuries caused by using unapproved items are not covered by the warranty.

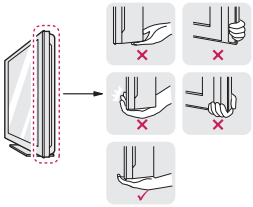
Lifting and moving the TV

Please note the following advice to prevent the TV from being scratched or damaged and for safe transportation regardless of its type and size.

- It is recommended to move the TV in the box or packing material that the TV originally came in.
- Before moving or lifting the TV, disconnect the power cord and all cables.
- When holding the TV, the screen should face away from you to avoid damage.



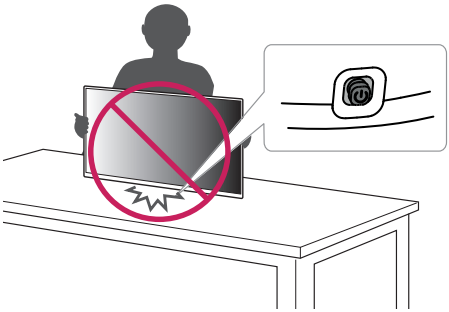
- Hold the top and bottom of the TV frame firmly. Make sure not to hold the transparent part, speaker, or speaker grill area.



- When transporting the TV, do not expose the TV to jolts or excessive vibration.
- When transporting the TV, keep the TV upright, never turn the TV on its side or tilt towards the left or right.
- Do not apply excessive pressure to cause flexing/bending of frame chassis as it may damage screen.

⚠ CAUTION

- Avoid touching the screen at all times, as this may result in damage to the screen.
- When handling the TV, be careful not to damage the protruding joystick button. (Depending on model)



Setting up the TV

⚠ CAUTION

- When attaching the stand to the TV set, place the screen facing down on a cushioned table or flat surface to protect the screen from scratches.
- Do not carry the TV upside-down by holding the stand body (or stand base) as this may cause it to fall off, resulting in damage or injury.
- Do not apply foreign substances (oils, lubricants, etc.) to the screw parts when assembling the product. (Doing so may damage the product.)

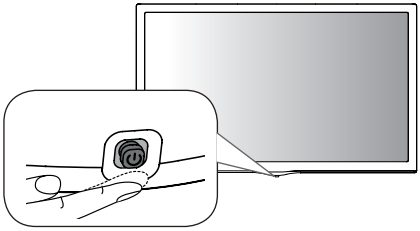
NOTE

- Remove the stand before installing the TV on a wall mount by performing the stand attachment in reverse.

Using the Joystick button

You can simply operate the TV functions, pressing or moving the button.

- Image shown may differ from your TV.



Basic functions

	Power On (Press) Power Off (Press and hold[1])
	Volume Control
	Programmes Control

1 If the menu button is on the screen, pressing and holding the button will let you exit the menu.

Adjusting the menu

When the TV is turned on, press the joystick button one time. You can adjust the menu items pressing or moving the buttons.

⏻	Turns the power off.
⚙	Accesses the setting menu.
✕	Clears on-screen displays and returns to TV viewing.
⇄	Changes the input source.

NOTE

- If you press the joystick button first, you may not be able to adjust the volume level and saved programmes.

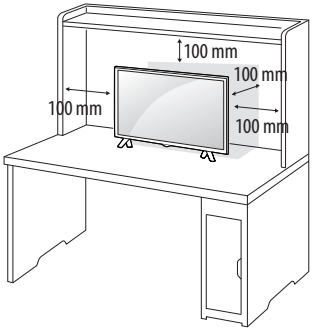
⚠ CAUTION

- When your finger over the joystick button and push it to the up, down, left or right, be careful not to press the joystick button.

Mounting on a table

- Image shown may differ from your TV.

1 Lift and tilt the TV into its upright position on a table.
- Leave a 100 mm (minimum) space from the wall for proper ventilation.



2 Connect the AC-DC Adapter and power cord to a wall outlet.

⚠ CAUTION

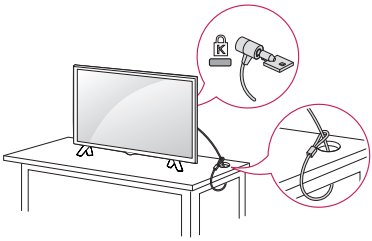
- Do not place the TV near or on sources of heat, as this may result in fire or other damage.
- Please be sure to connect the TV to the AC/DC power adapter before connecting the TV's power plug to a wall power outlet.

Using the kensington security system

(This is not available for all models.)

• Image shown may differ from your TV.

The Kensington security system connector is located at the rear of the TV. For more information of installation and using, refer to the manual provided with the Kensington security system or visit *http://www.kensington.com.* Connect the Kensington security system cable between the TV and a table.

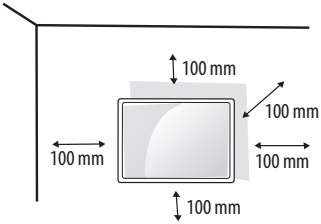


NOTE

• The Kensington security system is optional. You can obtain additional accessories from most electronics stores.

Mounting on a wall

For proper ventilation, allow a clearance of 100 mm on each side and from the wall. Detailed installation instructions are available from your dealer, see the optional Tilt Wall Mounting Bracket Installation and Setup Guide.



If you intend to mount the TV to a wall, attach Wall mounting interface (optional parts) to the back of the TV.

When you install the TV using the wall mounting interface (optional parts), attach it carefully so it will not drop.

1 If you use screw longer than standard, the TV might be damaged internally.

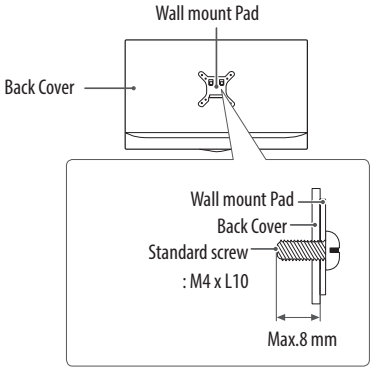
2 If you use improper screw, the product might be damaged and drop from mounted position. In this case, LG Electronics is not responsible for it.

Separate purchase (Wall mounting bracket)

Model	28TK420S
Wall mount (A x B) (mm) 	100 x 100
Standard screw	M4 x L10
Number of screws	4
Wall mount bracket (optional)	RW120

⚠ CAUTION

- Must use the enclosed screw in the box. (Depending on model)
- Disconnect the power first, and then move or install the TV. Otherwise electric shock may occur.
- If you install the TV on a ceiling or slanted wall, it may fall and result in severe injury.
- Use an authorized LG wall mount and contact the local dealer or qualified personnel.
- Do not over tighten the screws as this may cause damage to the TV and void your warranty.
- Use the screws and wall mounts that meet the VESA standard. Any damages or injuries by misuse or using an improper accessory are not covered by the warranty.
- Screw length from outer surface of back cover should be under 8 mm.



NOTE

- Use the screws that are listed on the VESA standard screw specifications.
- The wall mount kit includes an installation manual and necessary parts.
- The wall mount bracket is optional. You can obtain additional accessories from your local dealer.
- The length of screws may differ depending on the wall mount. Be sure to use the proper length.
- For more information, refer to the instructions supplied with the wall mount.

Connections (notifications)

Connect various external devices to the TV and switch input modes to select an external device. For more information about an external device's connection, refer to the manual supplied with each device. Available external devices are: HD receivers, DVD players, VCRs, audio systems, USB storage devices, PC, gaming devices, and other external devices.

NOTE

- The external device connection may differ from the model.
- Connect external devices to the TV regardless of the order of the TV port.
- If you record a TV programme on a DVD recorder or VCR, make sure to connect the TV signal input cable to the TV through a DVD recorder or VCR. For more information of recording, refer to the manual provided with the connected device.
- Refer to the external equipment's manual for operating instructions.
- If you connect a gaming device to the TV, use the cable supplied with the gaming device.
- In PC mode, there may be noise associated with the resolution, vertical pattern, contrast or brightness. If noise is present, change the PC output to another resolution, change the refresh rate to another rate or adjust the brightness and contrast on the **Picture** menu until the picture is clear.
- In PC mode, some resolution settings may not work properly depending on the graphics card.

Antenna connection

Connect the TV to a wall antenna socket with an RF cable (75 Ω) (Not Provided).

- Use a signal splitter to use more than 2 TVs.
- If the image quality is poor, install a signal amplifier properly to improve the image quality.
- If the image quality is poor with an antenna connected, try to realign the antenna in the correct direction.
- An antenna cable and converter are not supplied.
- Supported DTV Audio : MPEG, Dolby Digital, Dolby Digital Plus, HE-AAC

Satellite dish connection

(Only satellite models)

Connect the TV to a satellite dish to a satellite socket with a satellite RF cable (75 Ω).

CI module connection

(Depending on model)

View the encrypted (pay) services in digital TV mode.

- Check if the CI module is inserted into the PCMCIA card slot in the right direction. If the module is not inserted properly, this can cause damage to the TV and the PCMCIA card slot.
- If the TV does not display any video and audio when CI+ CAM is connected, please contact to the Terrestrial/Cable/Satellite Service Operator.

PC connection

When connecting your PC to the HDMI input, set the HDMI input's **Input Label** to **PC**

(INPUT) (Remote control) ⇨ **All Inputs** ⇨ **EDIT ICON** ⇨ **PC**

Other connections

Connect your TV to external devices. For the best picture and audio quality, connect the external device and the TV with the HDMI cable. Some separate cable is not provided.

- Supported HDMI Audio format:
  Dolby Digital / Dolby Digital Plus (32 kHz, 44.1 kHz, 48 kHz), DTS (44.1 kHz, 48 kHz), PCM (32 kHz, 44.1 kHz, 48 kHz, 96 kHz, 192 kHz)
  (Depending on model)

Remote control

The descriptions in this manual are based on the buttons on the remote control. Please read this manual carefully and use the TV correctly.

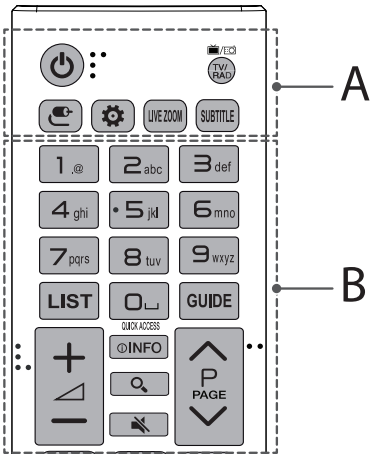
To replace batteries, open the battery cover, replace batteries (1.5 V AAA) matching the ⊕ and ⊖ ends to the label inside the compartment, and close the battery cover. To remove the batteries, perform the installation actions in reverse.

⚠ CAUTION

- Do not mix old and new batteries, as this may damage the remote control.
- The remote control will not be included for all sales market.

Make sure to point the remote control toward the remote control sensor on the TV.

*** To use the button, press and hold for more than 3 seconds.**



A

(Power) Turns the TV on or off.

TV/RAD Selects Radio, TV and DTV programme.

(INPUT) Changes the input source.

(Q.Settings) Accesses the Quick Settings.

LIVE ZOOM By zooming in on the selected area, you can view it in full screen.

SUBTITLE Recalls your preferred subtitle in digital mode.

B

Number buttons Enters numbers.

Alphabet buttons Enters letters.

LIST Accesses the saved programme list.

(Space) Opens an empty space on the screen keyboard.

GUIDE Shows programme guide.

QUICK ACCESS* You can access apps or Live TV using the number buttons corresponding to the features.

+ — Adjusts the volume level.

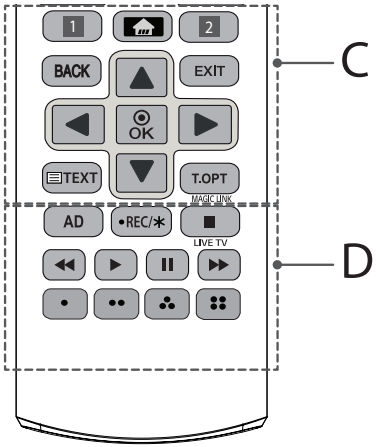
INFO Views the information of the current programme and screen.

(SEARCH) Search for content such as TV programmes, movies and other videos, or perform a web search by entering text in the search bar.

(MUTE) Mutes all sounds.

P Scrolls through the saved programmes.

PAGE Moves to the previous or next screen.



C

1, 2 **Streaming Service buttons** Connects to the Video Streaming Service.

(HOME) Shows the Home menu.

* Shows the previous history.

BACK Returns to the previous level.

EXIT Clears on-screen displays and returns to TV viewing.

Navigation buttons (up/down/left/right) Scrolls through menus or options.

OK Selects menus or options and confirms your input.

Teletext buttons (**TEXT / T.OPT**) These buttons are used for teletext.

MAGIC LINK* Provides content related to the program you are currently watching.

D

AD Audio descriptions function will be enabled.

•REC/✱ Starts to record and displays record menu.
(Only Time Machine[Ready] supported model)

LIVE TV Returns to LIVE TV.

Control buttons (■, ◀◀, ▶, ❚❚, ▶▶) Controls media contents.
•, ••, ⁂, ⠿ These access special functions in some menus.

Maintenance

Cleaning your TV

Clean your TV regularly to keep the best performance and to extend the product lifespan.

- Make sure to turn the power off and disconnect the power cord and all other cables first.
- When the TV is left unattended and unused for a long time, disconnect the power cord from the wall outlet to prevent possible damage from lightning or power surges.

Screen, frame, cabinet and stand

To remove dust or light dirt, wipe the surface with a dry, clean, and soft cloth.

To remove major dirt, wipe the surface with a soft cloth dampened in clean water or a diluted mild detergent. Then wipe immediately with a dry cloth.

- Avoid touching the screen at all times, as this may result in damage to the screen.
- Do not push, rub, or hit the screen surface with your fingernail or a sharp object, as this may result in scratches and image distortions.
- Do not use any chemicals as this may damage the product.
- Do not spray liquid onto the surface. If water enters the TV, it may result in fire, electric shock, or malfunction.

Power cord

Remove the accumulated dust or dirt on the power cord regularly.

Preventing “Image burn” or “Burn-in” on your TV screen

- If a fixed image displays on the TV screen for a long period of time, it will be imprinted and become a permanent disfigurement on the screen. This is “image burn” or “burn-in” and not covered by the warranty.
- If the aspect ratio of the TV is set to 4:3 for a long period of time, image burn may occur on the letterboxed area of the screen.
- Avoid displaying a fixed image on the TV screen for a long period of time (2 or more hours for LCD) to prevent image burn.

Troubleshooting

Cannot control the TV with the remote control.

- Check the remote control sensor on the product and try again.
- Check if there is any obstacle between the product and the remote control.
- Check if the batteries are still working and properly installed (⊕ to ⊕, ⊖ to ⊖).

No image display and no sound is produced.

- Check if the product is turned on.
- Check if the power cord is connected to a wall outlet.
- Check if there is a problem in the wall outlet by connecting other products.

The TV turns off suddenly.

- Check the power control settings. The power supply may be interrupted.
- Check if the **Sleep Timer** / **Timer Power Off** is activated in the **Timers** settings.
- Check if the **Auto Power Off** is activated in the **General** ⇨ **Eco Mode** settings. (Depending on model)
- If there is no signal while the TV is on, the TV will turn off automatically after 15 minutes of inactivity.

When connecting to the PC (HDMI), 'No Signal' or 'Invalid Format' is displayed.

- Turn the TV off/on using the remote control.
- Reconnect the HDMI cable.
- Restart the PC with the TV on.

Specifications

Product specifications may be changed without prior notice due to upgrade of product functions.

Models	Dimensions (W x H x D) (mm)		Weight (kg)		Power consumption	Power requirement
	With stand	Without stand	With stand	Without stand		
28TK420S	641.5 x 428.7 x 159.2	641.5 x 396.3 x 59.5	4.6	4.5	28 W	19 V ⎓ 2.0 A

Wireless module specification

- As band channels can vary per country, the user cannot change or adjust the operating frequency. This product is configured for the regional frequency table.
- For consideration of the user, this device should be installed and operated with a minimum distance of 20 cm between the device and the body.

CE

Wireless LAN module(LGSWFAC71) Specification	
Wireless LAN (IEEE 802.11a/b/g/n/ac)	
Frequency Range	Output Power(Max.)
2400 to 2483.5 MHz	13 dBm
5150 to 5725 MHz	16.5 dBm
5725 to 5850 MHz (Not for EU)	10 dBm

* "IEEE 802.11ac" is not available in all countries.

AC/DC Adapter	Manufacturer: Lien Chang Model: LCAP16B-E, LCAP21C Manufacturer: Honor Model: ADS-45FSN-19 19040GPG, ADS-45SN-19-3 19040G
	In: AC 100 – 240 V ~ 50/60 Hz Out: DC 19 V ⎓ 2.1 A

CI module Size (W x H x D)	100.0 mm x 55.0 mm x 5.0 mm

Environment condition	**Operating Temperature**	0 °C to 40 °C
	Operating Humidity	Less than 80 %
	Storage Temperature	-20 °C to 60 °C
	Storage Humidity	Less than 85 %

(Depending on country)

	Digital TV			**Analogue TV**
	Satellite	**Terrestrial**	**Cable**	**Terrestrial / Cable**
Television system	DVB-S/S2*	DVB-T DVB-T2*	DVB-C	PAL/SECAM B/G, D/K, I,SECAM L
Programme coverage	950 ~ 2,150 Mhz	VHF III : 174 ~ 230 Mhz UHF IV : 470 ~ 606 Mhz UHF V : 606 ~ 862 Mhz S Band II : 230 ~ 300 Mhz S Band III : 300 ~ 470 Mhz	46 ~ 890 Mhz	46 ~ 862 Mhz
Maximum number of storable programmes	6,000	2,000		
External antenna impedance	75 Ω			

* Only DVB-T2/C/S2 support models.

WARNING!

Never place a television set in an unstable location. A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer of the television set.
- Only using furniture that can safely support the television set.
- Ensuring the television set is not overhanging the edge of the supporting furniture.
- Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
- Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television set or its controls.

If your existing television set is being retained and relocated, the same considerations as above should be applied.

Symbols

~	Refers to alternating current(AC).
⎓	Refers to direct current(DC).
⧈	Refers to class II equipment.
⏻	Refers to stand-by.
|	Refers to "ON" (power).
⚡	Refers to dangerous voltage.



Record the model number and serial number of the TV.
Refer to the label on the back cover and quote this information to your dealer when requiring any service.

MODEL _____

SERIAL _____