

User's Manual
Manuel d'utilisation
Manual del usuario

Syntoniseur TV N/TV IP

SB-11TM

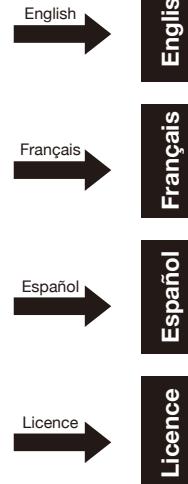


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Informations importantes

Pour les remarques concernant la manipulation, reportez-vous à la section « Précautions de sécurité, entretien et utilisation recommandée » dans le manuel d'utilisation du moniteur LCD.

Déclaration

Informations de la FCC

Cet équipement a été testé et déclaré conforme aux normes relatives au matériel informatique de la classe B, définies dans l'Article 15 des règlements de la FCC. Ces normes sont destinées à assurer une protection suffisante contre les interférences nuisibles dans une installation résidentielle. Cet équipement génère, utilise et peut émettre des fréquences radio qui, en cas d'installation et d'utilisation incorrectes, peuvent être à l'origine d'interférences nuisibles aux communications radio. Cependant, il n'est pas garanti que des interférences n'interviendront pas dans une installation particulière. Si cet équipement génère des interférences nuisibles à la réception radio ou télévision, ce qui peut être déterminé en éteignant et en rallumant l'appareil, l'utilisateur est invité à essayer de résoudre le problème de l'une des manières suivantes :

- Réorienter ou déplacer l'antenne de réception.
- Augmenter la distance entre l'équipement et le récepteur.
- Brancher l'équipement à une prise d'un circuit différent de celui auquel le récepteur est connecté.
- Consulter votre revendeur ou un technicien expérimenté en radio/télévision.

Si nécessaire, l'utilisateur doit s'adresser au revendeur ou à un technicien radio/télévision expérimenté pour obtenir des conseils supplémentaires.

L'utilisateur peut prendre connaissance du livret suivant, conçu par la Commission fédérale des communications : « Comment identifier et résoudre les problèmes d'interférences radio-TV ». Cette brochure est disponible auprès de l'U.S. Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-00345-4.

Français



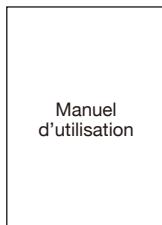
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Sommaire



SB-11TM



Manuel d'utilisation



Feuille supplémentaire

[Avis] À propos de la licence MPEG-4 AVC incluse avec ce produit

THIS PRODUCT IS LICENSED UNDER THE AVC PATENT PORTFOLIO LICENSE FOR THE PERSONAL USE OF A CONSUMER OR OTHER USES IN WHICH IT DOES NOT RECEIVE REMUNERATION TO (i) ENCODE VIDEO IN COMPLIANCE WITH THE AVC STANDARD («AVC VIDEO») AND/OR (ii) DECODE AVC VIDEO THAT WAS ENCODED BY A CONSUMER ENGAGED IN A PERSONAL ACTIVITY AND/OR WAS OBTAINED FROM A VIDEO PROVIDER LICENSED TO PROVIDE AVC VIDEO. NO LICENSE IS GRANTED OR SHALL BE IMPLIED FOR ANY OTHER USE. ADDITIONAL INFORMATION MAY BE OBTAINED FROM MPEG LA, L.L.C. SEE [HTTP://WWW.MPEGLA.COM](http://WWW.MPEGLA.COM)

Précautions de sécurité et entretien

Pour un fonctionnement optimal, veuillez noter ce qui suit pour le réglage et l'utilisation de ce produit. Veuillez également respecter les consignes mentionnées dans le manuel d'utilisation de l'écran que vous raccorderez à ce produit.

Pour assurer une utilisation sûre et correcte de ce produit, certains pictogrammes sont utilisés dans ce manuel en fonction de la gravité d'un résultat considérable dû à une mauvaise utilisation.

Les pictogrammes utilisés et leur signification sont détaillés ci-dessous. Veillez à bien les comprendre avant de commencer à utiliser ce produit.



Avertissement

Ne pas tenir compte de ce pictogramme et manipuler le produit de manière incorrecte pourrait entraîner des accidents provoquant la mort ou des blessures graves.



Avertissement

- **En cas de dysfonctionnement, débranchez immédiatement la prise d'alimentation de l'écran !**
Dans le cas contraire, cela pourrait provoquer un incendie ou un choc électrique. Débranchez immédiatement la fiche d'alimentation de la prise électrique. Contactez ensuite votre revendeur pour réparation.
- **Ne l'utilisez pas si une panne est survenue (par exemple, l'écran n'apparaît pas) ou si de la fumée ou des odeurs inhabituelles sont dégagées**
Cela pourrait provoquer un incendie ou un choc électrique.
- **N'introduisez pas de corps étranger à l'intérieur du produit**
N'introduisez pas de corps étranges à l'intérieur de cet appareil lorsque vous y fixez un écran ou un projecteur. Cela pourrait provoquer un incendie ou un choc électrique.
- **Ne démontez pas et ne modifiez pas ce produit**
Cela pourrait provoquer des blessures, un incendie ou un choc électrique.
- **Ne touchez pas le câble d'alimentation lorsqu'il y a de l'orage**
Ne touchez pas le câble d'alimentation de l'écran lorsqu'il y a de l'orage. Cela pourrait provoquer un choc électrique.
- **Ne remplacez pas ce produit alors que le câble d'alimentation est toujours branché à la prise électrique**
Ne remplacez pas ce produit alors que le câble d'alimentation de l'écran est toujours branché à la prise électrique. Cela pourrait provoquer une panne.
- **N'utilisez pas ce produit dans un lieu où il est susceptible d'être mouillé**
Coupez immédiatement l'alimentation électrique si de l'eau s'introduit dans ce produit ou l'écran, puis consultez votre revendeur après avoir débranché le câble d'alimentation de la prise électrique. Dans le cas contraire, cela pourrait provoquer une panne, un incendie ou un choc électrique.

Installation

Installez ce produit dans un écran. Reportez-vous au manuel de l'écran pendant ce processus. Contactez votre revendeur pour les modèles d'écran compatibles.

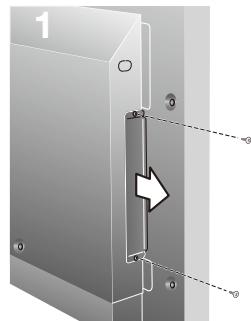
REMARQUE : Ce produit n'est pas compatible avec les environnements d'installation nécessitant un adaptateur SB-02AM.

AVERTISSEMENT :

- Lorsque vous retirez et installez ce produit, débranchez le cordon d'alimentation de l'écran de la prise de courant.
- Veillez à ne pas insérer de corps étrangers dans l'écran lors de l'installation de ce produit. Veillez également à ne pas laisser tomber ce produit ou le cache du logement d'extension.

1. Retirez les deux vis du logement d'extension (type 2), puis retirez le cache du logement.
2. Installez ce produit dans l'écran.

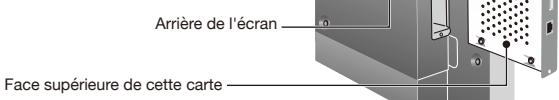
REMARQUE : Lors de l'installation de ce produit, assurez-vous que le côté supérieur de l'accessoire soit face à l'arrière de l'écran (voir figure 2). Ce produit peut être endommagé s'il est inséré dans le mauvais sens.



3. Fixez ce produit avec les vis du logement d'extension (couple : 49,0 N cm à 68,6 N cm). Fixez la poignée de l'écran avec des vis si elle a été retirée. Consultez le manuel d'utilisation de l'écran pour connaître le couple des vis de la poignée.

REMARQUE : N'appliquez pas une force qui dépasse le couple spécifié lorsque vous serrer les vis. Sinon, les orifices de vis peuvent être endommagés.

Appuyez sur le bouton OPTION sur la télécommande de l'écran pour basculer l'entrée sur le produit.



4. Pour retirer cette carte, retirez les vis qui la maintiennent sur le châssis, puis retirez la carte en utilisant la languette.

REMARQUE : Ne touchez pas la carte en option immédiatement après son retrait. Elle peut être très chaude.

<<Important>>

Il faut environ 1 minute avant qu'une image s'affiche après l'activation de ce produit.

N'utilisez pas la télécommande et attendez que l'initialisation soit terminée.

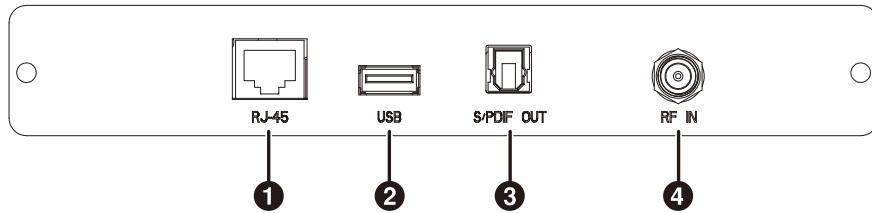


REMARQUE : Lorsque vous utilisez le produit, réglez le paramètre OPTION POWER de l'écran sur ARRET.

Vérifiez également le réglage ÉCONOMIE D'ÉNERGIE (ACTIVÉ / DÉSACTIVÉ ou RÉGLAGE DE L'HEURE) de l'écran. L'écran pourrait se mettre en veille automatiquement au cours de la phase de démarrage de ce produit.

Pour plus d'informations sur les opérations de l'écran, consultez le manuel de l'écran.

Nom des parties



1. Port Ethernet (RJ-45)

Port Ethernet pour entrée de télévision IP utilisée.

2. USB

USB 2.0 Type A (port pour lecteur à mémoire flash USB).
Insérez un dispositif à mémoire flash USB lorsque vous exécutez la fonction de copie du réglage.

3. S/PDIF OUT (optique)

Sortie audio numérique pour le raccordement à un système audio numérique externe.

4. RF IN (Type F)

Entrée RF qui se raccorde à votre antenne VHF/UHF ou au service de télévision par câble.

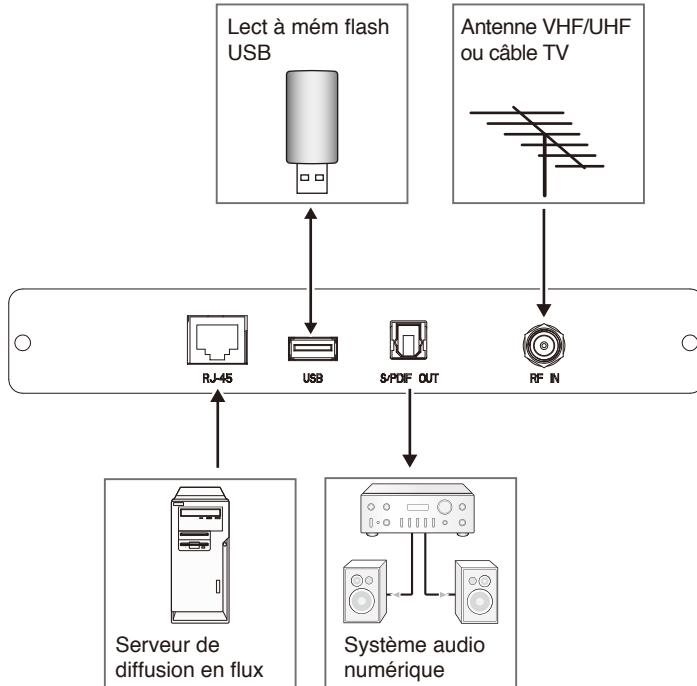
Raccordements

REMARQUE : Ne branchez ni ne débranchez aucun câble lors de la mise sous tension de l'écran ou d'un matériel externe, car cela risquerait d'entraîner une perte de l'image de l'écran.

Avant d'effectuer les raccordements :

- * Tout d'abord, mettez hors tension tous les équipements reliés et effectuez les raccordements.
- * Reportez-vous au manuel d'utilisation fourni pour chaque équipement.

Schéma de câblage



REMARQUE :

- Pendant la réception IPTV, il se peut que l'image ne s'affiche pas correctement en fonction de l'environnement réseau que vous utilisez.
- Si vous utilisez Gigabit Ethernet, veillez à utiliser un câble approprié.

Fonctionnement de base

<<Important>>

Il faut environ 1 minute avant qu'une image s'affiche après l'activation de ce produit.
N'utilisez pas la télécommande et attendez que l'initialisation soit terminée.

Selection d'un syntoniseur

Appuyez sur le bouton OPTION de la télécommande.

Ouverture du menu OSD du syntoniseur

Lorsque le signal d'entrée de l'écran est « OPTIONS », appuyez sur le bouton « OPTION MENU » pour activer ou désactiver le menu OSD du syntoniseur.

REMARQUE : Si la télécommande sans fil de votre écran ne dispose d'aucun bouton « OPTION MENU », appuyez sur le bouton « OPTION ».

Télécommande sans fil

REMARQUE : Utilisez la télécommande sans fil de l'écran. Pour plus d'informations sur les procédures autres que celles figurant dans la liste ci-dessous, ou si votre télécommande sans fil est différente de l'image ci-dessous, consultez le manuel d'utilisation de l'écran.

1. Bouton POWER

Basculez entre la mise sous tension (MARCHE) et la mise en veille (VEILLE).

2. Bouton ASPECT

Sélectionnez le format de l'image entre [PLEIN ÉCRAN], [ÉCRAN LARGE], [ZOOM] et [NORMAL].

3. Bouton OPTION

Réglez le signal d'entrée sur « OPTIONS ».

4. Bouton OPTION MENU

Lorsque le bouton « OPTIONS » est réglé, ce bouton active ou désactive le menu OSD du syntoniseur.

5. PAVÉ NUMÉRIQUE

Appuyez sur les boutons pour régler, modifier les mots de passe et changer de canal.

6. Bouton ENT

Réglez les canaux.

7. Bouton DISPLAY

Affichez ou masquez les informations sur le canal actuel.

8. Bouton MENU

Activez ou désactivez le menu OSD de l'écran.
Reportez-vous au manuel d'utilisation de votre écran pour plus d'informations OSD affichées.

9. Bouton HAUT/BAS

Utilisez le bouton ▲▼ pour déplacer la zone mise en surbrillance vers le haut ou vers le bas afin de sélectionner des éléments dans le menu OSD.

10. Bouton MOINS/PLUS (-/+)

Utilisez ce bouton comme commande ◀▶ pour déplacer la zone mise en surbrillance vers la gauche ou vers la droite afin de sélectionner des éléments dans le menu OSD.

11. Bouton EXIT

Revenez au menu précédent dans le menu OSD.

12. Bouton AUGMENTER/BAISSER VOLUME

Augmentez ou diminuez le volume de sortie audio.

13. Bouton GUIDE

Activez ou désactivez l'EPG (Electronic Program Guide - Guide de programme électronique).

14. Bouton CH +/-

Faites défiler les canaux vers le haut ou vers le bas.

15. Bouton MUTE

Activez ou désactivez la coupure du son.

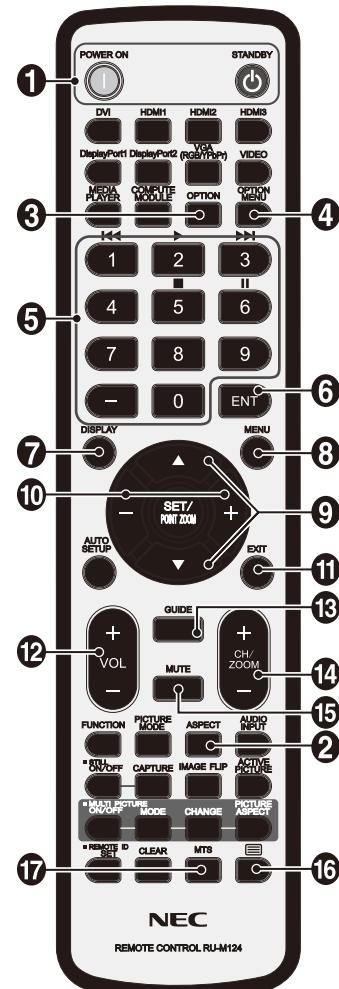
Lorsque le son est coupé, S/PDIF OUT est aussi désactivé.

16. Bouton ☰

Activez le sous-titrage codé.

17. Bouton MTS

Selectionnez le mode multi-langues.



French

Commandes OSD (On-Screen-Display - Affichage à l'écran)

Recherche des canaux

Lors de la première mise sous tension, il vous sera demandé de balayer et de mémoriser tous les canaux disponibles à partir de votre signal d'entrée RF. Pour lancer ce processus, appuyez sur le bouton MENU D'OPTIONS pour afficher le menu OSD de la télévision.

REMARQUE : Les canaux numériques sont indiqués par un « - » suivit d'un nombre.

REMARQUE : Lorsque la fonction de verrouillage des canaux est réglée sur « Oui », la recherche des canaux ne peut pas être utilisée. Si le verrouillage des canaux est sur « Oui », réglez-le sur « Non » avant de commencer.

Balayage automatique

Selon le signal d'entrée RF, vous devrez balayer soit les canaux de télévision hertzienne (antenne), soit les canaux par câble.

Balayage hertzien

- Sur la page de menu « Syntoniseur », appuyez sur le bouton ▲▼ pour sélectionner « Recherche des canaux » et appuyez sur le bouton OK. Une liste de deux sous-menus s'affiche.

(1) Balayage automatique

(2) Balayage manuel

- Selectionnez « Balayage automatique » et appuyez sur le bouton OK.

- Selectionnez « Canaux hertziens » et appuyez sur le bouton OK.

- Appuyez sur le bouton OK pour lancer le balayage des canaux.

REMARQUE : La totalité du processus de balayage prend quelques minutes ; la barre de pourcentage indique la progression.

- Lorsque le balayage est terminé, le message « Balayage terminé » s'affiche. Appuyez sur le bouton MENU D'OPTIONS ou QUITTER pour quitter cette fenêtre. Appuyez sur les boutons CH+ et CH- pour vérifier que les canaux ont été trouvés et mémorisés.

Balayage par câble

- Suivez les étapes 1 à 2 ci-dessus afin d'activer la fonction « Balayage automatique » pour les signaux par câble.

- Selectionnez « Câble » et appuyez sur le bouton OK.

- Appuyez sur le bouton ▲▼ et sur le bouton OK pour sélectionner « Type de câble ». Sélectionnez « STD » ou « HRC » et appuyez sur le bouton OK.

REMARQUE : STD, IRC et HRC identifient divers types de systèmes de télévision par câble. Contactez votre entreprise locale de télévision par câble pour connaître le type de système qui existe dans votre région.

- Appuyez sur le bouton ▲▼ pour sélectionner « Balayage » et appuyez sur le bouton OK pour lancer le balayage des canaux.

REMARQUE : La totalité du processus de balayage prend quelques minutes ; la barre de pourcentage indique la progression.

- Lorsque le balayage est terminé, le message « Balayage terminé » s'affiche. Appuyez sur le bouton MENU D'OPTIONS ou QUITTER pour quitter cette fenêtre. Appuyez sur les boutons CH+ et CH- pour vérifier que les canaux ont été trouvés et mémorisés.

Balayage manuel

Le balayage manuel vous permet d'ajouter séparément de nouveaux canaux dans la mémoire sans exécuter le balayage automatique.

- Sur la page de menu « Recherche des canaux », sélectionnez « Balayage manuel » et appuyez sur le bouton OK. Une liste de deux sous-menus s'affiche. Choisissez la carte des canaux que vous utilisez et appuyez sur le bouton OK.

(1) Canaux hertziens

Pour ajouter des canaux hertziens, tapez le numéro du nouveau canal sur le pavé numérique de la télécommande.

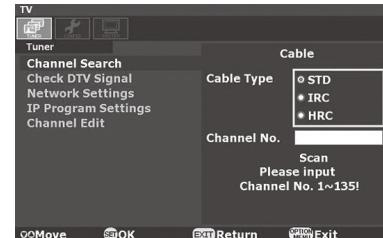
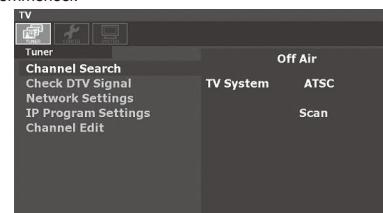
Appuyez sur le bouton ▼ pour sélectionner « Balayage » et appuyez sur le bouton OK pour balayer et charger le canal.

(2) Câble

Pour ajouter des canaux par câble, vérifiez votre type de câble, « STD », « IRC » ou « HRC », puis tapez le numéro du nouveau canal sur le pavé numérique de la télécommande. Appuyez sur le bouton ▼ pour sélectionner « Balayage » et appuyez sur le bouton OK pour balayer et charger le canal.

Les canaux balayés s'affichent si la recherche du canal de balayage souhaité a réussi.

- Une fois le balayage terminé, appuyez sur le bouton MENU D'OPTIONS ou QUITTER pour quitter cette fenêtre.



Vérification du signal TV numérique

Cette fonction indique l'état du niveau de signal TV numérique et le rapport porteuse (C/N).

- Sur la page de menu « Syntoniseur », appuyez sur le bouton **▲▼** pour sélectionner « Voir signal TV numérique », puis appuyez sur le bouton OK.
- L'état du niveau de signal TV numérique et le rapport porteuse sont indiqués. [Bon/Normal/Faible: 0~100]

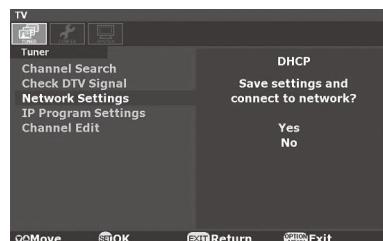


Réglages de réseau

DHCP

Ce produit tente automatiquement d'établir une connexion réseau à l'aide de DHCP lorsqu'un câble de réseau actif est raccordé. Vous pouvez aussi tenter d'établir une connexion manuellement en sélectionnant « IP statique » dans « Réglages de réseau » sur la page de menu « Syntoniseur ».

- Dans « Réglages de réseau », appuyez sur le bouton **▲▼** pour sélectionner « DHCP » puis appuyez sur le bouton OK.
- Sélectionnez « Oui » et appuyez sur le bouton OK pour établir la connexion. (Pour confirmer une connexion réussie, sélectionnez « Informations système » sur la page de menu « Système » afin de vérifier la présence d'une adresse IP.)



Adresse IP fixe

Si vous le souhaitez, ce produit peut être configuré manuellement pour utiliser une adresse IP fixe en suivant les instructions suivantes. (Contactez votre administrateur de réseau afin d'acquérir les valeurs correctes pour chaque paramètre avant de faire des changements).

- Dans « Réglage de réseau », appuyez sur le bouton **▲▼** pour sélectionner « IP statique » puis appuyez sur le bouton OK.
 - Appuyez sur les boutons numérotés de la télécommande pour entrer l'adresse IP, le masque de sous-réseau, la passerelle et les paramètres DNS. Une fois terminé, sélectionnez « Terminé » et appuyez sur le bouton OK pour effectuer manuellement les réglages de réseau.
- (Pour confirmer un réglage réussi, sélectionnez « Informations système » sur la page de menu « Système » afin de vérifier la présence d'une adresse IP.)



Réglages de programme IP

Cette fonction permet de régler le numéro du canal pour les programmes de canaux IP.

Ajouter

- Sur la page de menu « Syntoniseur », appuyez sur le bouton **▲▼** pour sélectionner « Réglages de programme IP » et appuyez sur le bouton OK.
- Sélectionnez « Ajouter » et appuyez sur le bouton OK. À ce moment-là, une liste de deux sous-menus s'affiche.

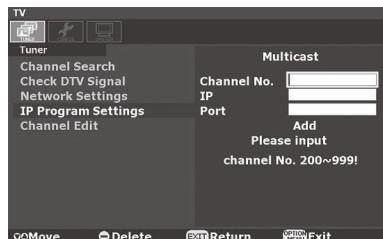
(1) Envoi individuel

Appuyez sur le bouton **▲▼** pour sélectionner « Envoi individuel » et appuyez sur le bouton OK. Vous devrez alors remplir les champs « N° de canal » et « Port ».

Appuyez ensuite sur le bouton **▼** pour sélectionner « Ajouter » et appuyez sur le bouton OK pour confirmer.

(2) Diffusion groupée

Appuyez sur le bouton **▲▼** pour sélectionner « Diffusion groupée » et appuyez sur le bouton OK. Vous devrez alors remplir les champs « N° de canal », « Adresse IP » et « Port ». Appuyez ensuite sur le bouton **▼** pour sélectionner « Ajouter » et appuyez sur le bouton OK pour confirmer.



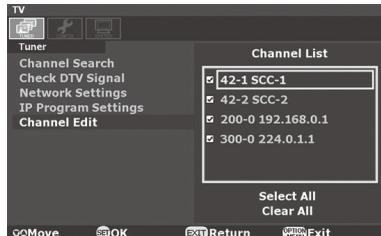
Supprimer

1. Sélectionnez « Supprimer » à l'étape 2 ci-dessus et appuyez sur le bouton OK.
2. Tapez le numéro de « N° de canal. » pour supprimer le programme de canaux IP. Appuyez ensuite sur le bouton ▼ pour sélectionner « Supprimer » et appuyez sur le bouton OK pour confirmer.

Modification des canaux

Cette fonction vous permet de sélectionner quels canaux en mémoire sont syntonisés lors de l'utilisation des boutons CH+ ou CH-.

1. Sur la page de menu « Syntoniseur », appuyez sur le bouton ▲▼ pour sélectionner « Modification des canaux » et appuyez sur OK pour afficher la liste des canaux mémorisés. Appuyez de nouveau sur le bouton OK pour entrer dans la liste de canaux.
2. Appuyez sur le bouton ▲▼ pour sélectionner chaque canal de la liste. Si vous appuyez sur le bouton OK sur un canal sélectionné, ce dernier sera supprimé de la liste (saut) ; si vous appuyez sur le bouton OK sur un canal non sélectionné, ce dernier sera ajouté à la mémoire.



REMARQUE : Lorsque les canaux IP sont listés, l'adresse IP configurée s'affiche à côté des canaux.

Langue de menu

Cette fonction permet de sélectionner la langue du menu OSD.

1. Sur la page de menu « Configuration », appuyez sur le bouton ▲▼ pour sélectionner « Langue de menu » et appuyez sur le bouton OK.
2. Appuyez ensuite sur le bouton ▲▼ pour sélectionner la langue du menu OSD et appuyez sur le bouton OK.



Résolution de sortie

Cette fonction sélectionne la résolution de sortie de ce produit.

1. Sur la page de menu « Configuration », appuyez sur le bouton ▲▼ pour sélectionner « Résolution de sortie » et appuyez sur le bouton OK.
2. Appuyez sur le bouton ▲▼ pour sélectionner la résolution de sortie et appuyez sur le bouton OK.
3. Sélectionnez « Conserver cette résolution » et appuyez sur le bouton OK pour modifier la résolution de sortie.
4. Sélectionnez « Revenir à la résolution précédente » et appuyez sur le bouton OK pour ne pas modifier la résolution de sortie.



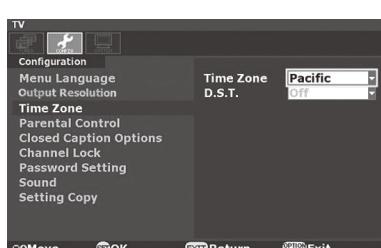
REMARQUE : L'écran de confirmation s'affiche pendant 15 secondes.

REMARQUE : Pour initialiser la résolution de sortie sans utiliser l'écran OSD, reportez-vous à la section Dépannage (page 16).

Fuseau horaire

Cette fonction permet de régler le fuseau horaire et de l'heure avancée (Daylight Saving Time).

1. Sur la page de menu « Configuration », appuyez sur le bouton ▲▼ pour sélectionner « Fuseau horaire » et appuyez sur le bouton OK.
2. Appuyez sur ▲▼ pour mettre en surbrillance « Fuseau horaire » et appuyez sur le bouton OK.
3. Appuyez sur ▲▼ pour sélectionner « Fuseau horaire » et appuyez sur le bouton OK.
4. Appuyez sur ▲▼ pour mettre en surbrillance « Heure avancée » et appuyez sur le bouton OK.
5. Appuyez sur ▲▼ pour sélectionner « Heure avancée » et appuyez sur le bouton OK.



Contrôle parental

Les parents ont la possibilité de bloquer certains types de programmes en fonction de leur classification et contenu.

REMARQUE : Cette fonction est protégée par un mot de passe.

- Sur la page de menu « Configuration », sélectionnez « Contrôle parental » puis appuyez sur le bouton OK.
- Entrez votre mot de passe. Le mot de passe par défaut est « 0000 ». Ensuite, sélectionnez « OK » et appuyez sur le bouton OK. Une liste de trois sous-menus s'affiche.

(1) Classification de la télévision américaine

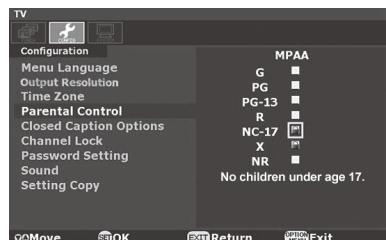
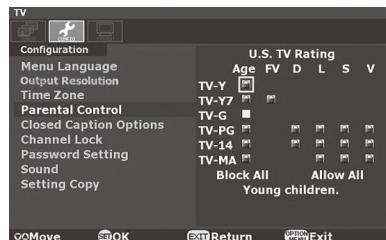
(2) MPAA

(3) RRT (Tableau de classification régionale)

REMARQUE : RRT est la fonction téléchargeable de tableau de classification régionale.

- Sélectionnez « Classification de la télévision américaine », « MPAA » ou « RRT » puis appuyez sur le bouton OK. Vous verrez alors le système de classification de la télévision américaine, le système MPAA ou le tableau de classification régionale.
- Appuyez sur les boutons **▲▼ - +** et sur le bouton OK afin d'activer les restrictions appropriées.

REMARQUE : Si vous bloquez l'un des types de programmes, tous les programmes dont la classification est supérieure seront eux aussi automatiquement bloqués. Il est toutefois possible de déverrouiller ces programmes tout en gardant le programme souhaité bloqué.



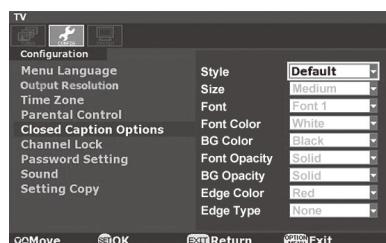
Options des sous-titres codés

Cette fonction permet de sélectionner les options des sous-titres codés, la taille, la police, la couleur de police, la couleur de fond, l'opacité de la police, l'opacité du fond, la couleur du bord et le type de bord.

- Sur la page de menu « Configuration », appuyez sur le bouton **▲▼** pour sélectionner « Options des sous-titres codés » et appuyez sur le bouton OK.

REMARQUE : Lorsque « Par défaut » est sélectionné pour le style, le réglage par défaut est utilisé pour toutes les sélections.

- Appuyez sur **▲▼** pour mettre en surbrillance l'option souhaitée et appuyez sur le bouton OK.
- Appuyez sur **▲▼** pour sélectionner la sélection souhaitée et appuyez sur le bouton OK.



Verrouillage des canaux

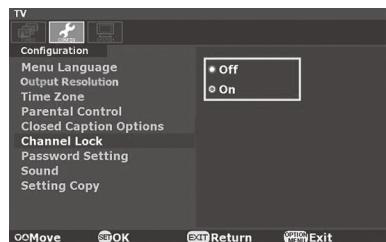
La fonction de verrouillage des canaux permet de contrôler l'affichage des canaux.

Lorsque la fonction de verrouillage des canaux est réglée sur « Oui », le même canal est bloqué jusqu'à ce qu'il soit déverrouillé avec un mot de passe.

REMARQUE : Cette fonction est protégée par un mot de passe.

Lorsque la fonction de verrouillage des canaux est réglée sur « Oui », la recherche des canaux ne peut pas être utilisée.

- Sur la page de menu « Configuration », appuyez sur le bouton **▲▼** pour sélectionner « Verrouillage des canaux » et appuyez sur le bouton OK.
- Entrez votre mot de passe. Ensuite, sélectionnez « OK » et appuyez sur le bouton OK. Le mot de passe par défaut est « 0000 ».
- Sélectionnez « Oui » ou « Non » et appuyez sur le bouton OK.



Réglage du mot de passe

Le mot de passe permet de contrôler l'accès aux fonctions « Contrôle parental », « Verrouillage des canaux » et « Réinitialisation ». Par conséquent, veillez à garder une copie du mot de passe ou à le mémoriser.

Le mot de passe par défaut est « 0000 ».

- Sur la page de menu « Configuration », appuyez sur le bouton ▲▼ pour sélectionner « Réglage du mot de passe » et appuyez sur le bouton OK.
- Entrez votre mot de passe à l'aide du pavé numérique de la télécommande. Ensuite, sélectionnez « OK » et appuyez sur le bouton OK.
- Entrez « Nouveau mot de passe » et « Confirmer le mot de passe » sur le pavé numérique. Ensuite, sélectionnez « Changer » et appuyez sur le bouton OK pour modifier le mot de passe.

Son

Cette fonction permet de sélectionner le format de sortie S/PDIF (Sony Philips Digital InterFace - Interface numérique Sony/Philips).

- Sur la page de menu « Configuration », appuyez sur le bouton ▲▼ pour sélectionner « Son » et appuyez sur le bouton OK.
- Appuyez sur ▲▼ pour sélectionner le format de sortie S/PDIF et appuyez sur le bouton OK.

REMARQUE : Lorsque « Non » est sélectionné, la sortie S/PDIF est coupée.

REMARQUE : L'audio n'est disponible qu'en format numérique.



Copie du réglage

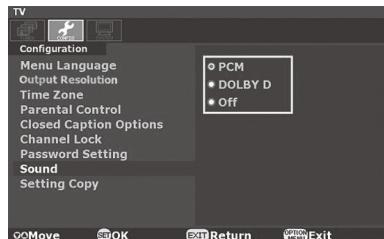
Cette fonction exporte ou importe les réglages de ce module via un dispositif à mémoire flash USB. Les réglages sont Recherche des canaux, Réglages de réseau, Réglages de programme IP, Modification des canaux, Résolution de sortie, Langue du menu, Fuseau horaire, Contrôle parental, Options des sous-titres codés, Verrouillage des canaux, Réglage du mot de passe, Son et Menu OSD d'informations.

REMARQUE : Cette fonction est protégée par un mot de passe.

Exporter

- Insérez un lecteur à mémoire flash USB dans le port USB de ce produit.
- Sur la page de menu « Configuration », appuyez sur le bouton ▲▼ pour sélectionner « Réglage copié » et appuyez sur le bouton OK.
- Entrez votre mot de passe. Ensuite, sélectionnez « OK » et appuyez sur le bouton OK. Le mot de passe par défaut est « 0000 ».
- Sélectionnez « Exporter » et appuyez sur le bouton OK.
- Sélectionnez « Oui » et appuyez sur le bouton OK. Les données des réglages du produit sont ensuite exportées vers votre lecteur à mémoire flash USB.
- Lorsque l'exportation s'est terminée correctement, le message « Exportation réussie » s'affiche.

REMARQUE : Si un message d'erreur s'affiche, suivez les instructions comme indiqué dans le message.



Importer

- Insérez votre lecteur à mémoire flash USB avec les données des réglages du produit dans le port USB de ce produit.
- Sur la page de menu « Configuration », appuyez sur le bouton ▲▼ pour sélectionner « Réglage copié » et appuyez sur le bouton OK.
- Entrez votre mot de passe. Ensuite, sélectionnez « OK » et appuyez sur le bouton OK. Le mot de passe par défaut est « 0000 ».
- Sélectionnez « Importer » et appuyez sur le bouton OK.
- Sélectionnez « Oui » et appuyez sur le bouton OK. Les données des réglages du module sont ensuite importées de votre lecteur à mémoire flash USB.



6. Lorsque l'importation s'est terminée correctement, le message « Importation réussie » s'affiche.

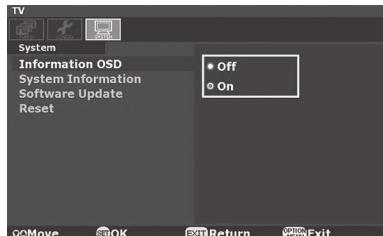
REMARQUE : Si un message d'erreur s'affiche, suivez les instructions comme indiqué dans le message.

REMARQUE : Lorsque « IP statique » est sélectionné dans « Réglages de réseau », les réglages d'adresse IP, de masque réseau, de passerelle et DNS sont copiés tels quels, modifiez alors ces réglages aux valeurs appropriées après l'importation.

Menu OSD d'informations

Le menu OSD d'informations affiche le canal, la source du signal, la résolution et (si disponibles) les données des programmes sur l'écran lors du changement de canal.

1. Sur la page de menu « Système », appuyez sur le bouton ▲▼ pour sélectionner « Menu OSD d'informations » et appuyez sur le bouton OK.
2. Appuyez sur le bouton ▲▼ pour sélectionner « Oui » ou « Non » et appuyez sur le bouton OK.



Informations sur le système

Cette fonction affiche la version du logiciel et les réglages de réseau.

1. Sur la page de menu « Système », appuyez sur le bouton ▲▼ pour sélectionner « Informations système ».
2. Appuyez sur le bouton OK. Les informations système s'affichent.



Mise à jour du logiciel

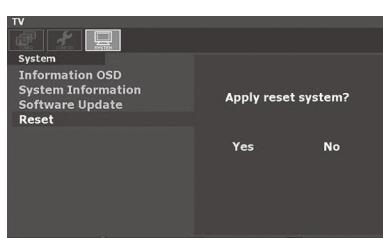
Cette fonction sert uniquement pour la maintenance.

Réinitialisation

Cette fonction permet de rétablir tous les réglages OSD à leurs réglages par défaut. Le mot de passe est lui aussi réinitialisé.

REMARQUE : Cette fonction est protégée par un mot de passe.

1. Sur la page de menu « Système », appuyez sur le bouton ▲▼ pour sélectionner « Réinitialisation » et appuyez sur le bouton OK.
2. Entrez votre mot de passe. Ensuite, sélectionnez « OK » et appuyez sur le bouton OK. Le mot de passe par défaut est « 0000 ».
3. Sélectionnez « Oui » et appuyez sur le bouton OK ; tous les réglages sont alors rétablis à leur valeur par défaut.



Contrôle du module via la commande LAN

Ce produit peut être contrôlé en connectant un ordinateur via le port Ethernet de ce produit.

REMARQUE : Cette commande LAN ne peut pas contrôler le moniteur LCD.

1. Connexion

Tout d'abord, mettez le moniteur LCD et l'ordinateur hors tension, puis connectez le câble LAN.

REMARQUE : Utilisez un câble LAN de catégorie 5e ou plus.

2. Réglage de réseau

Configurez l'adresse IP du produit dans le menu OSD « Réglages de réseau ».

REMARQUE : Reportez-vous à la section « Commandes OSD » - « Réglages de réseau » de ce manuel pour le réglage de l'adresse IP.

3. Fonctionnement

- Pour accéder à la fonction de serveur HTTP, démarrez le navigateur Web sur l'ordinateur via le réseau connecté au produit, puis entrez l'URL suivant :

http://<adresse IP du produit>

Exemple : Lorsque l'adresse IP du produit est « 192.168.0.1 », l'URL est
http://192.168.0.1

- Cliquez sur le bouton du panneau de configuration de l'ordinateur afin d'exécuter la fonction ou le réglage.

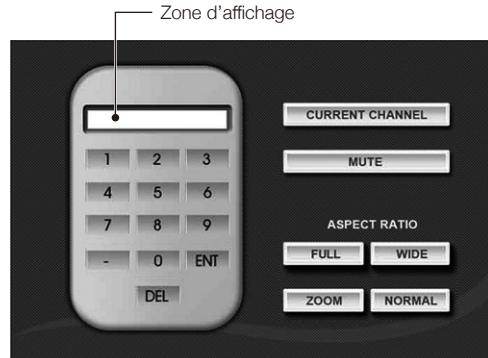
REMARQUE : Reportez-vous à la section « Fonctionnement de base » de ce manuel pour la fonction.

Exemple 1 : Réglage du canal direct

En cliquant sur les boutons numérotés [1], [2], [3], [4], [ENT], vous changez au canal « 123-4 ».

Exemple 2 : Lecture du canal actuel

En cliquant sur le bouton [CANAL ACTUEL], vous affichez le numéro du canal actuel dans la zone d'affichage.



Dépannage

<<Important>>

Il faut environ 1 minute avant qu'une image s'affiche après l'activation de ce produit.
N'utilisez pas la télécommande et attendez que l'initialisation soit terminée.

REMARQUE : Lorsque vous utilisez le produit, réglez le paramètre OPTION POWER de l'écran sur ARRET.
Pour plus d'informations sur les opérations de l'écran, consultez le manuel de l'écran.

Problème	Solution
Pas d'image, mais un message s'affiche.	<ul style="list-style-type: none">• Veillez à effectuer un balayage de canaux avant de regarder le programme télévisé.• Vérifiez que l'antenne/le câble est correctement raccordé.
Pas d'image	<ul style="list-style-type: none">• Assurez-vous que l'entrée vidéo est réglée sur « OPTIONS ».• Vérifiez que ce produit est correctement installé. Si nécessaire, éloignez-les de l'écran.• Vérifiez que les réglages de la résolution de sortie conviennent à votre écran. Pour initialiser de manière forcée la résolution de sortie, reportez-vous à la section « Méthodes d'initialisation de la résolution de sortie » à la page suivante.• Appuyez sur les boutons CH+ et CH- sur la télécommande pour changer de canal.• Changez de signal d'entrée une fois, puis appuyez de nouveau sur le bouton OPTION de la télécommande.• Appuyez sur le bouton POWER pour mettre l'écran hors tension puis à nouveau sous tension.• L'écran pourrait se mettre en veille automatiquement au cours de la phase de démarrage de ce produit. Appuyez sur le bouton d'alimentation sur la télécommande ou appuyez de nouveau sur le bouton d'alimentation sur l'écran. Vérifiez également le réglage ÉCONOMIE D'ÉNERGIE (ACTIVÉ / DÉSACTIVÉ ou RÉGLAGE DE L'HEURE) de l'écran.
Pas de son	<ul style="list-style-type: none">• Vérifiez que le câble du haut-parleur de l'écran est correctement raccordé.• Vérifiez que la coupure du son n'est pas activée.• Vérifiez que le volume n'est pas réglé au minimum.• Assurez-vous que l'entrée audio est réglée sur « OPTIONS ».• Vérifiez l'interrupteur des haut-parleurs internes/externes de l'écran.• Vérifiez que le réglage AUDIO de l'écran du menu RÉGLAGE DES OPTIONS est réglé sur « NUMÉRIQUE ».• Appuyez sur le bouton MTS sur la télécommande pour vérifier la langue sélectionnée.
Pas de son depuis la sortie S/PDIF	<ul style="list-style-type: none">• Vérifiez que le câble optique est correctement raccordé.• Vérifiez que le format de sortie audio (PCM/DOLBY D) pour le réglage « Son » est compatible avec votre système audio numérique.• Vérifiez que le réglage du format de sortie audio n'est pas réglé sur « Non ».
Après avoir effectué un balayage automatique, tous les canaux ne sont pas disponibles.	<ul style="list-style-type: none">• Effectuez un balayage automatique pour rechercher ces canaux manquants. Une fois que le syntoniseur reçoit le signal, tous les paramètres de transmission sont automatiquement mémorisés dans la mémoire du syntoniseur.
Les sous-titres codés ne s'affichent pas.	<ul style="list-style-type: none">• Assurez-vous que le canal que vous regardez possède des informations de sous-titres codés.• Appuyez sur le bouton  de la télécommande pour vérifier la sortie des données de sous-titres codés.
La TV IP ne fonctionne pas.	<ul style="list-style-type: none">• Vérifiez que le câble LAN est correctement raccordé.• Vérifiez que les réglages de réseau de ce produit et de votre système sont corrects.• Vérifiez que les périphériques, les concentrateurs et les câbles connectés au réseau sont corrects.
La télécommande ne fonctionne pas.	<ul style="list-style-type: none">• Assurez-vous que les piles sont correctement insérées.• Contrôlez la capacité/durée de vie des piles.• Assurez-vous de diriger la télécommande vers le capteur situé sur l'écran.• Vérifiez que la télécommande est en mode d'identification à distance.• Il est possible que la télécommande ne fonctionne pas si elle est exposée au rayonnement direct du soleil ou si le capteur à distance de l'écran reçoit une forte luminosité.
Le lecteur à mémoire flash USB n'est pas reconnu	<ul style="list-style-type: none">• Vérifiez que le lecteur à mémoire flash USB est correctement raccordé.• Vérifiez que le lecteur à mémoire flash USB répond aux exigences du système. (Consultez les exigences pour le lecteur à mémoire flash USB à la page 18.)

Méthodes d'initialisation de la résolution de sortie

Méthode 1

1. Appuyez sur le bouton OPTION sur la télécommande pour basculer le signal d'entrée de l'écran du syntoniseur.
2. Appuyez sur le bouton DISPLAY sur la télécommande 10 fois. Ensuite, la résolution de sortie passera en Full HD et l'écran de confirmation de modification de la résolution de sortie s'affichera.
3. Sélectionnez « Conserver cette résolution » et appuyez sur le bouton OK.

Méthode 2

1. Préparez un lecteur à mémoire flash USB et créez un fichier nommé « ResetOutputResolution » dans le dossier racine.

REMARQUE : Seul le nom de fichier « ResetOutputResolution » (pas sensible à la casse) sans extension de fichier est reconnu.

2. Mettez l'écran hors tension et insérez le lecteur à mémoire flash USB dans le port USB de ce produit.
3. Mettez l'écran sous tension.

Caractéristiques techniques

TV numérique	Système	ATSC / Clear QAM
	Fréquence de réception	ATSC : 57 - 803 MHz, Clear QAM : 57 - 861 MHz
	Couverture de canaux	ATSC : 2 - 69 can, Clear QAM : 1 - 135 can
	Modulation	ATSC : 8-VSB, Clear QAM : 64/256 QAM
	Bandé passante	6 MHz
	Codec vidéo	MPEG-2 MP@HL
	Codec audio	Dolby Digital
TV IP	Type de diffusion en flux	Envoi individuel, diffusion groupée
	Protocole réseau	Ethernet IEEE 802.3, IPv4, TCP/IP UDP/IP, HTTP, Client DNS, Client DHCP
	Protocole de diffusion en flux	RTP
	Protocole de diffusion groupée	IGMP v2/v3
	Codec vidéo	
	HEVC (H.265)	MP@L5.0, Profil 10 principal@L5.0
	MPEG-4/AVC (H.264)	MP@L4.0, HP@L4.2
	MPEG-2	MP@ML, MP@HL
	WMV	MP@HL
	Codec audio	
	MPEG-1	Couche I, Couche II, Couche III (MP3) 2.0
	MPEG-4	AAC-LC, HE-AAC
	Dolby	Dolby Digital, Dolby Digital Plus
	WMA	WMA 9
Interface	Entrée antenne	Connecteur Type F
	Sortie audio	Connecteur optique S/PDIF audio numérique
	Ethernet	RJ-45 (10/100/1000 Mbps Ethernet)
	USB	USB2.0 Type A Mise à jour du firmware et Copie des réglages Exigences pour le lecteur à mémoire flash USB <ul style="list-style-type: none"> • Capacité : 512 Mo, 16 Go • Système de fichier : FAT, FAT32 • Taille d'unité d'allocation : 2 Ko - 64 Ko
	Langue OSD	Anglais / Français / Espagnol
Alimentation		+16 V CC (depuis l'interface du logement optionnel)
Consommation d'énergie		7,0 W
Environnement de fonctionnement	Température	0 - 40 degrés
	Humidité	10 à 80 % (sans condensation)
Environnement de stockage	Température	-10 - 60 degrés
	Humidité	10 à 90 % (sans condensation)
Dimensions	Net	180,0 mm (L) x 30,0 mm (H) x 119,0 mm (P)
	Brut	261,0 mm (L) x 83,5 mm (H) x 196,0 mm (P)
Poids	Net	0,6 kg
	Brut	0,9 kg
Réglementations et normes appliquées		FCC : Classe B, BETS-7
Accessoires		Manuel d'utilisation
Méthode de contrôle		Télécommande de l'écran / Contrôle Ethernet
Garantie limitée		3 ans pièces et main-d'œuvre

Garantie limitée

NEC Display Solutions of America, Inc. (ci-après « NEC DISPLAY SOLUTIONS ») garantit que ce produit est exempt de vice de fabrication et de main-d'œuvre et, selon les conditions énoncées ci-dessous, accepte de réparer ou remplacer (à la discréTION de NEC DISPLAY SOLUTIONS) toute pièce de l'unité concernée qui s'avérerait défectueuse et ce, pendant une période de trois (3) ans à partir de la date d'achat initial. Les pièces de rechange sont garanties pour une période de quatre-vingt-dix (90) jours. Les pièces de rechange ou l'unité peuvent être neuves ou reconditionnées et seront conformes aux spécifications des pièces ou de l'appareil d'origine. Cette garantie vous accorde des droits légaux spécifiques auxquels peuvent s'ajouter d'autres droits pouvant varier d'une juridiction à l'autre. Cette garantie est limitée à l'acheteur d'origine du produit et n'est pas transférable.

Cette garantie couvre uniquement les composants fournis par NEC DISPLAY SOLUTIONS. Une réparation requise à la suite de l'utilisation des pièces provenant d'un tiers n'est pas couverte par cette garantie. Pour être couvert par cette garantie, le produit doit avoir été acheté aux États-Unis ou au Canada par l'acheteur d'origine. Cette garantie couvre uniquement la distribution du produit aux États-Unis ou au Canada par NEC DISPLAY SOLUTIONS. Aucun service de garantie n'est offert à l'extérieur des États-Unis et du Canada. La preuve d'achat sera exigée par NEC DISPLAY SOLUTIONS pour prouver la date d'achat. Une telle preuve d'achat doit être une facture de vente d'origine ou un reçu reprenant le nom et l'adresse du vendeur, de l'acheteur et le numéro de série du produit.

Pour obtenir un service au titre de la garantie, vous devez expédier le produit en port prépayé ou le déposer chez le revendeur agréé qui vous l'a vendu ou dans un autre centre autorisé par NEC DISPLAY SOLUTIONS, soit dans l'emballage d'origine, soit dans un emballage similaire procurant un niveau équivalent de protection. Avant de retourner tout produit à NEC DISPLAY SOLUTIONS, vous DEVEZ d'abord obtenir une autorisation de retour de marchandise en composant le 1-800-632-4662. Le produit ne devra avoir subi aucune altération, réparation ou entretien effectué par d'autres personnes que celles d'une structure de maintenance agréée par NEC DISPLAY SOLUTIONS. Le numéro de série du produit ne devra être ni altéré, ni retiré. Pour être couvert par cette garantie, le produit ne pourra pas avoir été soumis à l'affichage d'une image fixe pendant de longues périodes de temps résultant en une persistance de l'image (effets d'image rémanente), à un accident, à une utilisation incorrecte ou abusive ou à une utilisation contraire aux directives contenues dans le manuel d'utilisation. Une seule de ces conditions annulera la garantie.

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Ce produit est garanti selon les termes de cette garantie limitée. Les consommateurs doivent savoir que les performances du produit peuvent varier selon la configuration du système, le logiciel, l'application, les données du client et la manière dont le produit est utilisé par l'opérateur, ainsi que d'autres facteurs. Bien que les produits NEC DISPLAY SOLUTIONS soient considérés compatibles avec de nombreux systèmes, la mise en œuvre fonctionnelle du produit peut varier d'un client à l'autre. Par conséquent, l'adéquation d'un produit à un besoin ou une application spécifique doit être déterminée par le consommateur et n'est pas garantie par NEC DISPLAY SOLUTIONS.

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loginrec.c
loginrec.h

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curve25519-donna: Curve25519 elliptic curve, public key function <http://code.google.com/p/curve25519-donna/>
Adam Langley <agl@imperialviolet.org>

Derived from public domain C code by Daniel J. Bernstein <djb@cr.yp.to>

More information about curve25519 can be found here <http://cr.yp.to/ecdh.html>

djb's sample implementation of curve25519 is written in a special assembly language called qasm and uses the floating point registers.

This is, almost, a clean room reimplementation from the curve25519 paper. It uses many of the tricks described therein. Only the crecip function is taken from the sample implementation.

PTPd2

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