NEC

User's Manual
Manuel Utilisateur
Manual del usuario

Módulo del sintonizador de DTV/IPTV

SB-11TM

English

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License

License

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Información importante

Consulte "Precauciones de seguridad, mantenimiento y uso recomendado" del monitor LCD en el manual del usuario para ver las notas sobre el manejo.

Declaración

Información de la FCC

Este equipo ha sido probado y cumple con los límites para un dispositivo digital de Clase B, de conformidad con el apartado 15 de la Normativa de la FCC. Estos límites están diseñados para proporcionar una protección razonable contra las interferencias perjudiciales en una instalación residencial. Este equipo genera, utiliza y puede irradiar energía de radiofrecuencia y, si no se instala y utiliza de acuerdo con las instrucciones, podría generar interferencias que afecten a la comunicación por radio. Sin embargo, no hay garantía de que no se produzcan interferencias en una instalación en particular. Si este equipo causa interferencias perjudiciales en la recepción de radio o televisión, lo cual puede determinarse apagándolo y encendiéndolo, se recomienda al usuario que intente corregir la interferencia mediante una o más de las medidas siguientes:

• Reoriente o reubique la antena de recepción.

• Aumente la separación entre el equipo y el receptor.

• Conecte el equipo a una toma de corriente en un circuito diferente de aquel al que esté conectado el receptor.

• Pida ayuda a su distribuidor o a un técnico de radio y televisión cualificado.

Si es necesario, el usuario debe ponerse en contacto con el distribuidor o un técnico experto de radio/ televisión para otras consultas.

El siguiente folleto, publicado por la Comisión Federal de Comunicaciones (FCC), puede ser de utilidad para el usuario: "How to Identify and Resolve Radio-TV Interference Problems." ("Cómo identificar y resolver problemas de interferencias de radio y televisión"). Este folleto está disponible en la U.S. Government Printing Office (Oficina de imprenta del gobierno de EE. UU.), Washington, D.C., 20402, n.º de stock 004-000-00345-4.
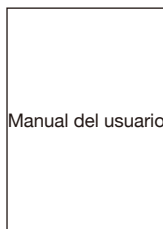
 DOLBY AUDIO™

Fabricado con la autorización de Dolby Laboratories.

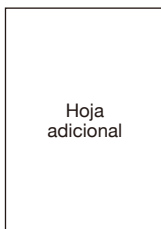Dolby, Dolby Audio y el símbolo de doble D son marcas comerciales de Dolby Laboratories.

Español

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[Aviso] Acerca de la licencia MPEG-4 AVC que se incluye en este producto

Precauciones de seguridad y mantenimiento

Para garantizar el rendimiento óptimo del producto, tenga en cuenta las siguientes instrucciones al configurar y utilizar este producto.

Observe las precauciones indicadas en el manual del usuario de la pantalla que vaya a conectarse a este producto.

Para garantizar un uso seguro y adecuado de este producto, en este manual se utilizan algunos pictogramas en función de la gravedad que entrañaría un resultado importante a causa de un mal uso.

Los pictogramas y su significado se describen a continuación. Asegúrese de comprenderlos bien antes de empezar a utilizar este producto.

⚠ ADVERTENCIA	Si no presta atención a este pictograma y si maneja el producto incorrectamente, podría tener accidentes mortales o de gran gravedad.

⚠ ADVERTENCIA

- **Si se produce algún fallo, desenchufe inmediatamente la pantalla de la toma de corriente.**
  De lo contrario, podría producirse un incendio o una descarga eléctrica. Desenchufe inmediatamente el equipo de la toma de corriente. A continuación, póngase en contacto con su distribuidor para realizar las reparaciones necesarias.

- **No lo utilice si se ha producido un fallo (p.ej., la pantalla no aparece, etc.) o cuando haya humo u olores extraños**
  Si lo hace, podría producirse un incendio o una descarga eléctrica.

- **No coloque objetos extraños dentro del producto**
  No coloque objetos extraños dentro del equipo cuando monte la pantalla o el proyector en este producto. Si lo hace, podría producirse un incendio o una descarga eléctrica.

- **No desmonte ni modifique el producto**
  Si lo hace, podrían producirse lesiones, un incendio o una descarga eléctrica.

- **No toque el cable de alimentación en caso de tormenta eléctrica**
  No toque el cable de alimentación de la pantalla en caso de tormenta eléctrica. Si lo hace, podría producirse una descarga eléctrica.

- **No sustituya este producto con el cable de alimentación conectado a la toma de corriente**
  No sustituya este producto con el cable de alimentación de la pantalla conectado a la toma de corriente. Si lo hace, podría producirse un fallo.

- **No utilice este producto en lugares donde pueda mojarse**
  Si entra agua en este producto o en la pantalla, desconecte inmediatamente la alimentación y pida ayuda a su distribuidor después de haber desenchufado el cable de la toma de corriente. De lo contrario, podría producirse un fallo, un incendio o una descarga eléctrica.

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Instalación

Instale este producto en una pantalla. Consulte el manual de la pantalla durante este proceso.

Póngase en contacto con su distribuidor acerca de los modelos de pantalla compatibles.

NOTA: Este producto no es compatible con entornos de instalación que requieran un adaptador SB-02AM.

AVISO:
- **Cuando retire e instale este producto, desconecte el cable de alimentación de la pantalla de la toma de corriente.**
- **No inserte objetos extraños en la pantalla al instalar este producto. No deje caer el producto o la cubierta de la ranura de expansión.**

1. Retire los dos tornillos de la ranura de expansión (tipo 2) y extraiga la cubierta de la ranura.

2. Instale este producto en la pantalla.

   NOTA: Cuando instale este producto, asegúrese de que la parte superior del accesorio mira la parte posterior de la pantalla (vea la figura 2). El producto podría dañarse si se inserta con una orientación incorrecta.
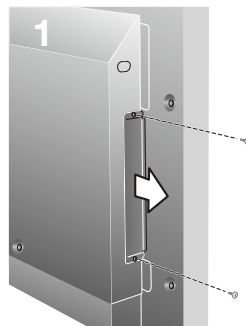
3. Fije el producto con los tornillos de la ranura de expansión (par: de 49,0 N cm a 68,6 N cm). Asegure el asa de la pantalla con tornillos si ha tenido que retirarla anteriormente. Consulte el manual del usuario de la pantalla para saber qué par debe utilizar para los tornillos del asa.

   NOTA: No ajuste los tornillos del par especificado con demasiada fuerza. De lo contrario, podría dañar los agujeros de los tornillos.

   Pulse el botón OPTION del mando a distancia de la pantalla para cambiar la entrada del producto.

   Parte trasera de la pantalla

   Parte superior de esta placa
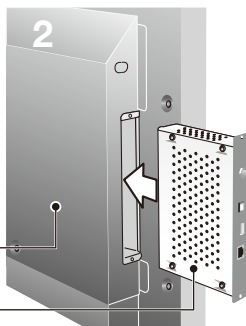
4. Para retirar esta placa, extraiga los tornillos que fijan la placa a la estructura y, a continuación, retire la placa usando la pestaña.

   NOTA: No toque la placa opcional justo después de haberla retirado. Podría tener una temperatura alta.

<<Importante>>

Para que se muestren imágenes después de encender el producto, hay que esperar alrededor de un minuto.

No utilice el mando a distancia y espere a que finalice la inicialización.
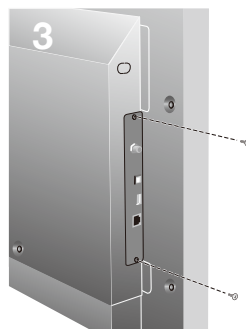
NOTA: Cuando use el producto, configure el ajuste OPTION POWER de la pantalla en APAG.
También compruebe el ajuste de AHORRO DE ENERGÍA (HABILITAR/DESHABILITAR o AJUSTE DE TIEMPO) de la pantalla. La pantalla podría entrar en espera automáticamente mientras se inicia el producto.
Para obtener información sobre las operaciones de la pantalla, consulte el manual de la pantalla.

Nombres de las piezas
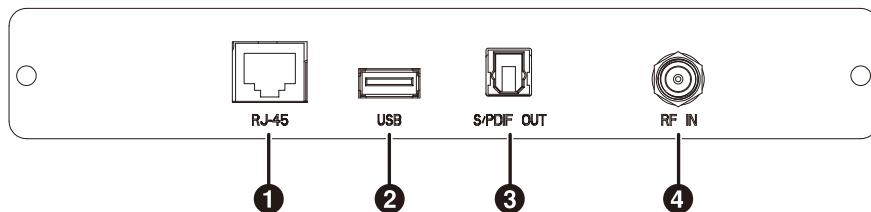
1. Puerto Ethernet (RJ-45)

Puerto Ethernet para la entrada IPTV utilizada.

2. USB

Puerto USB 2.0 de tipo A para dispositivo flash USB.
Inserte un dispositivo flash USB cuando ejecute la función de copia de configuración.

3. S/PDIF OUT (óptica)

Salida de audio digital para la conexión con el sistema de audio digital externo.

4. RF IN (tipo F)

Entrada RF que conecta con su antena VHF/UHF o servicio de TV por cable.

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Conexiones

NOTA: No conecte o desconecte ningún cable cuando encienda la pantalla u otro equipo externo, ya que esto podría ocasionar la pérdida de la imagen de la pantalla.

Antes de realizar las conexiones:

* En primer lugar, apague todos los dispositivos conectados y después realice las conexiones.
* Consulte el manual del usuario que se incluye con cada pieza del equipo.

Diagrama de cableado

Dispositivo flash USB

Antena VHF/UHF o TV por cable

RJ-45   USB   S/PDIF OUT   RF IN

Servidor de transmisión

Sistema de audio digital
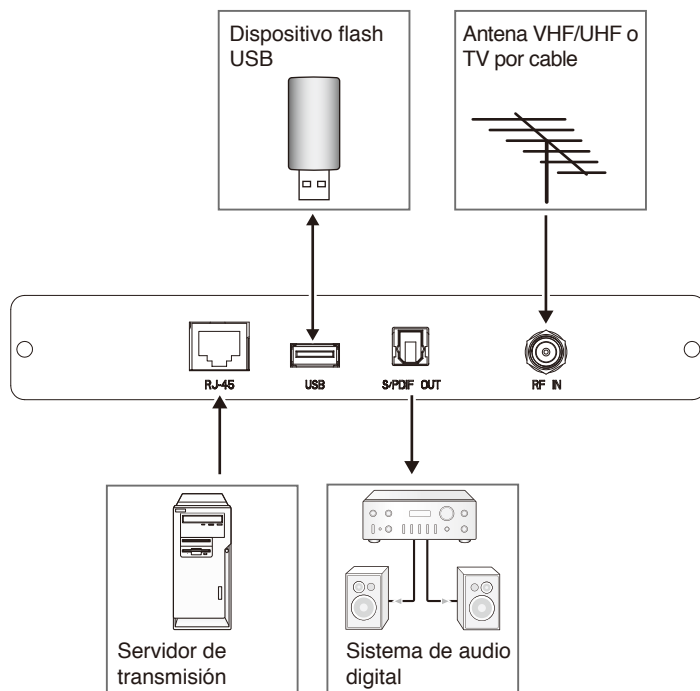
NOTA:

- Durante la recepción de IPTV, puede que haya veces en las que no se muestren imágenes correctamente, en función del entorno de red que utilice.
- Si utiliza Gigabit Ethernet, asegúrese de utilizar un cable de la categoría adecuada.

Funcionamiento básico

Selección del sintonizador

Presione el botón OPTION del mando a distancia.

Acceso al menú OSD de TV

Cuando la señal de entrada de la pantalla sea "OPCIÓN", pulse el botón OPTION MENU para mostrar/ocultar el OSD de la TV.

NOTA: Si el mando a distancia inalámbrico de su pantalla no tiene el botón "OPTION MENU", pulse el botón "OPTION".

Mando a distancia inalámbrico

NOTA: Utilice el mando a distancia inalámbrico de la pantalla. Para obtener detalles sobre los procedimientos no incluidos a continuación o en caso de que su mando a distancia inalámbrico sea diferente del que se muestra en la imagen, consulte el manual del usuario de la pantalla.

1. Botón POWER

Permite alternar entre encendido y en espera.

2. Botón ASPECT

Permite elegir el aspecto de la pantalla entre [COMPLETA], [ANCHA], [ZOOM] y [NORMAL].

3. Botón OPTION

Configura la señal de entrada en "OPCIÓN".

4. Botón OPTION MENU

Cuando se ajusta el botón "OPCIÓN", muestra/oculta el menú OSD de la TV.

5. TECLADO

Permite presionar los botones para configurar y cambiar las contraseñas y los canales.

6. Botón ENT

Configura los canales.

7. Botón DISPLAY

Muestra/oculta la información sobre el canal actual.

8. Botón MENU

Enciende/apaga el menú OSD de la pantalla.
Consulte el manual del usuario de su pantalla para obtener más información sobre el OSD de la pantalla.

9. Botón ARRIBA/ABAJO

Actúa como un botón ▲▼ para desplazarse hacia arriba y hacia abajo y seleccionar elementos del menú OSD.

10. Botón MENOS/MÁS (-/+)

Actúa como un botón ◄► para desplazarse hacia la izquierda y hacia la derecha y seleccionar elementos del menú OSD.

11. Botón EXIT

Para volver a la página anterior del menú OSD.

12. Botón SUBIR/BAJAR VOLUMEN

Sube o baja el volumen de la salida de audio.

13. Botón GUIDE

Muestra/oculta la guía electrónica de programas (EPG, por sus siglas en inglés).

14. Botón CH +/-

Permite desplazarse por los canales en orden ascendente o descendente.

15. Botón MUTE

Permite activar/desactivar el sonido.
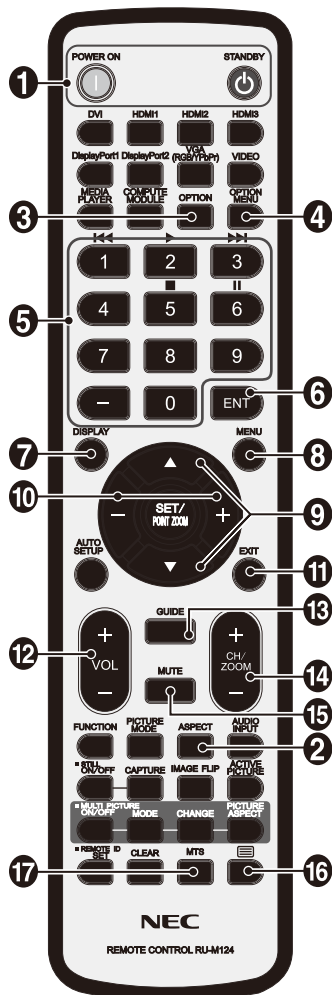Cuando se activa el modo de silencio, la salida S/PDIF también se silencia.

16. Botón ▤

Activa el subtitulado en el mismo idioma.

17. Botón MTS

Permite seleccionar el modo de sonido de televisión multilingüe.

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Controles OSD (visualización en pantalla)

Búsqueda de canales

Al encender el equipo por primera vez, deberá realizar una búsqueda para grabar todos los canales disponibles desde la señal de entrada RF. Para iniciar este proceso, presione el botón MENÚ DE OPCIÓN para acceder al menú OSD de la TV.

NOTA: Los canales digitales se indican con "–" seguido de un número.
NOTA: Cuando la función de bloqueo de canales está activada, no se puede utilizar la búsqueda de canales. Si el bloqueo de canales está activado, desactívelo antes de continuar.

Búsqueda automática

Según la señal de entrada de RF, deberá buscar canales de antena o cable.

Búsqueda de canales de antena

1. En la página del menú "Sintonizador", presione el botón ▲▼ para seleccionar "Búsqueda de canales" y después presione el botón AJUSTE. Aparecerán dos submenús.
   (1) Búsqueda automática (Auto Scan)
   (2) Búsqueda manual (Manual Scan)
2. Seleccione "Búsqueda automática" y presione el botón AJUSTE.
3. Seleccione "Canales de antena" y presione el botón AJUSTE.
4. Presione el botón AJUSTE para iniciar la búsqueda de canales.

NOTA: El proceso de búsqueda tarda algunos minutos en completarse; la barra de porcentaje indica el progreso.

5. Cuando se haya completado la búsqueda, se mostrará el mensaje "Búsqueda finalizada". Presione el botón MENÚ DE OPCIÓN o SALIR para salir de esta ventana. Presione los botones CH+ y CH- para verificar los canales encontrados y memorizados.

Búsqueda de canales de cable

1. Siga los pasos 1 y 2 anteriores para activar la función "Búsqueda automática" para las señales de cable.
2. Seleccione "Cable" y presione el botón AJUSTE.
3. Presione el botón ▲▼ y el botón AJUSTE para seleccionar el tipo de cable en "Tipo de cable". Seleccione "STD", "IRC" o "HRC" y después presione el botón AJUSTE.

NOTA: STD, IRC y HRC identifican diferentes tipos de sistemas de TV por cable. Contacte con su empresa de cable local para determinar el tipo de sistema de cable que existe en su zona.

4. Presione el botón ▲▼ para seleccionar "Buscar" y presione el botón AJUSTE para iniciar la búsqueda de canales.

NOTA: El proceso de búsqueda tarda algunos minutos en completarse; la barra de porcentaje indica el progreso.
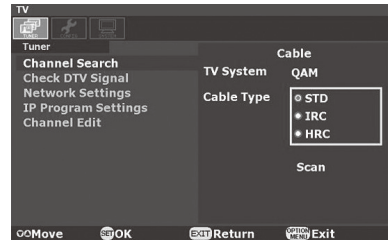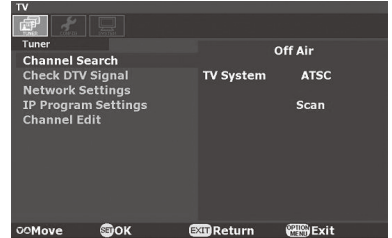
5. Cuando se haya completado la búsqueda, se mostrará el mensaje "Búsqueda finalizada". Presione el botón MENÚ DE OPCIÓN o SALIR para salir de esta ventana. Presione los botones CH+ y CH- para verificar los canales encontrados y memorizados.

Búsqueda manual

La búsqueda manual le permite añadir canales nuevos individuales a la memoria sin tener que realizar la búsqueda automática.

1. En la página del menú "Búsqueda de canales", seleccione "Búsqueda manual" y presione el botón AJUSTE. Aparecerán dos submenús. Elija el mapa de canales que está utilizando y presione el botón AJUSTE.
   (1) Canales de antena
      Para añadir canales de antena, introduzca el número del canal nuevo con el teclado numérico del mando a distancia. Presione el botón ▼ para seleccionar "Buscar" y después presione el botón AJUSTE para buscar y cargar el canal.
   (2) Cable
   Cuando añada canales de cable, verifique el tipo de cable ("STD", "IRC" o "HRC") y luego introduzca el número del canal nuevo con el teclado numérico del mando a distancia. Presione el botón ▼ para seleccionar "Buscar" y después presione el botón AJUSTE para buscar y cargar el canal.
   Los canales deseados aparecerán si se ha detectado correctamente.
2. Cuando haya acabado, presione el botón MENÚ DE OPCIÓN o SALIR para salir de esta ventana.
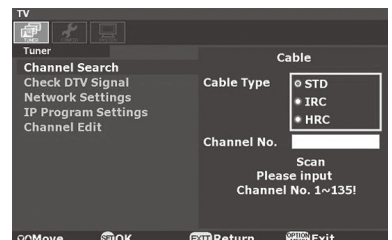
Comprobación de la señal de DTV

Esta función indica el estado para el C/N y el nivel de la señal de la TV digital.

1. En la página del menú "Sintonizador", presione el botón ▲▼ para seleccionar "Comprobar la señal de DTV" y presione el botón AJUSTE.
2. Se indicará el estado para el C/N y el nivel de la señal de la TV digital. [Buena/ Normal/ Débil: 0–100]

Configuración de red

DHCP

Este producto intentará establecer una conexión de red automáticamente por medio del protocolo DHCP al conectar el cable de una red activa. También puede intentar una conexión manual al seleccionar "IP estática" en "Configuración de red" de la página del menú "Sintonizador".

1. En "Configuración de red", presione el botón ▲▼ para seleccionar "DHCP" y después presione el botón AJUSTE.
2. Seleccione "Sí" y presione el botón AJUSTE para conectarse. (Para comprobar que la conexión se haya realizado correctamente, seleccione "Información del sistema" en la página del menú "Sistema" para verificar la presencia de una dirección IP.)

IP estática

Si lo desea, el producto puede configurarse manualmente para utilizar una dirección IP estática mediante las siguientes instrucciones. (Póngase en contacto con su administrador de red para obtener los valores correctos de cada parámetro antes de realizar los cambios.)

1. En "Configuración de red", presione el botón ▲▼ para seleccionar "IP estática" y después presione el botón AJUSTE.
2. Presione los botones numéricos del mando a distancia para introducir la dirección IP, la máscara de subred, la puerta de enlace y los parámetros DNS. Una vez que haya terminado, seleccione "Listo" y presione el botón AJUSTE para configurar la red manualmente.
   (Para comprobar que la configuración se haya realizado correctamente, seleccione "Información del sistema" en la página del menú "Sistema" para verificar la presencia de una dirección IP.)

Configuración de programa IP

Esta función configura el número de canal para los programas del canal IP.

Añadir

1. En la página del menú "Sintonizador", presione el botón ▲▼ para seleccionar "Configuración de programa IP" y después presione el botón AJUSTE.
2. Seleccione "Añadir" y presione el botón AJUSTE. A continuación, aparecerán dos submenús.
   (1) Unidifusión
   Presione el botón ▲▼ para seleccionar "Unidifusión" y después presione el botón AJUSTE. Aparecerán los campos "Núm. de canal" y "Puerto", donde deberá introducir los datos. Después, presione el botón ▼ para seleccionar "Añadir" y el botón AJUSTE para aplicar los ajustes.
   (2) Multidifusión
   Presione el botón ▲▼ para seleccionar "Multidifusión" y después presione el botón AJUSTE. Aparecerán los campos "Núm. de canal", "Dirección IP" y "Puerto", donde deberá introducir los datos. Después, presione el botón ▼ para seleccionar "Añadir" y el botón AJUSTE para aplicar los ajustes.

Español
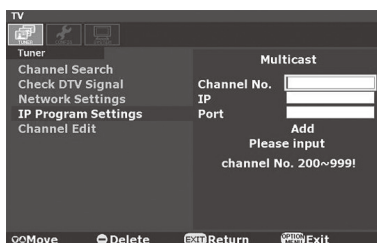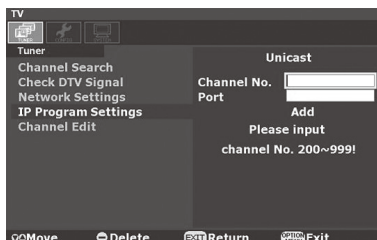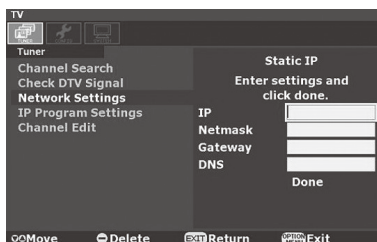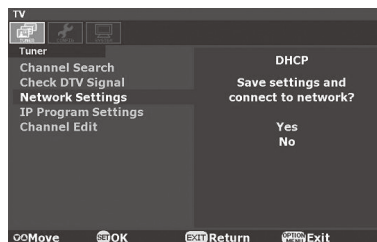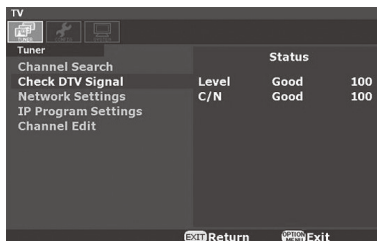
Borrar

1. Seleccione la opción "Borrar"del paso 2 anterior y presione el botón AJUSTE.
2. Introduzca el número del canal en "Núm. de canal" para eliminar el programa del canal IP. Después, presione el botón ▼ para seleccionar "Borrar" y el botón AJUSTE para aplicar los ajustes.

Modificación de canales

Esta función le permite seleccionar los canales de la memoria que se sintonizarán al utilizar los botones CH+ o CH-.

1. En la página del menú "Sintonizador", presione el botón ▲ ▼ para seleccionar "Modificación de canales" y después presione el botón AJUSTE para visualizar la lista de canales memorizados. Presione el botón AJUSTE nuevamente para introducir la lista de canales.
2. Utilice el botón ▲▼ para seleccionar cada canal de la lista. Si se presiona el botón AJUSTE sobre un canal seleccionado, este se eliminará de la lista (se omitirá), mientras que si se presiona sobre un canal no seleccionado, se agregará a la memoria.

NOTA: La configuración de la dirección IP se muestra al lado de los canales en la lista de canales IP.
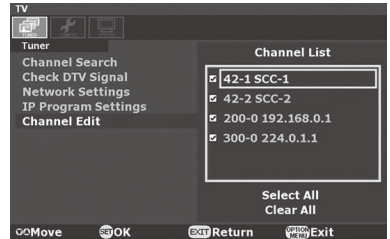
Idioma del menú

Esta función selecciona el idioma del menú OSD.

1. En la página del menú "Configuración", presione el botón ▲ ▼ para seleccionar "Idioma del menú" y a continuación el botón AJUSTE.
2. Presione el botón ▲▼ para seleccionar el idioma del menú OSD y a continuación el botón AJUSTE para aceptar.
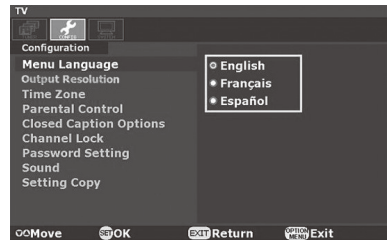
Resolución de salida

Esta función selecciona la resolución de salida de este producto.

1. En la página del menú "Configuración", presione el botón ▲ ▼ para seleccionar "Resolución de salida" y a continuación el botón AJUSTE.
2. Presione ▲▼ para seleccionar el horario de verano y presione el botón AJUSTE.
3. Seleccione "Mantener esta resolución" y presione el botón AJUSTE para cambiar la resolución de salida.
Seleccione "Volver a la resolución anterior" y presione el botón AJUSTE para no cambiar la resolución de salida.

NOTA: La pantalla de confirmación se mostrará durante 15 segundos.
NOTA: Para inicializar la resolución de salida mediante la pantalla OSD, consulte Solución de problemas (página 16).
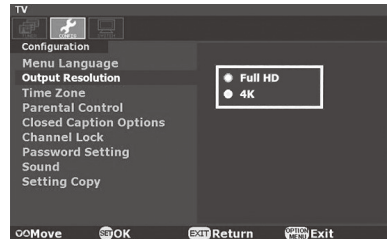
Zona horaria

Esta función selecciona la zona horaria y los ajustes del horario de verano.

1. En la página del menú "Configuración", presione el botón ▲▼ para seleccionar "Zona horaria" y presione el botón AJUSTE.
2. Presione ▲▼ para resaltar "Zona horaria" y presione el botón AJUSTE.
3. Presione ▲▼ para seleccionar "Zona horaria" y presione el botón AJUSTE.
4. Presione ▲▼ para resaltar "Horario de verano" y presione el botón AJUSTE.
5. Presione ▲▼ para seleccionar "Horario de verano" y presione el botón AJUSTE.
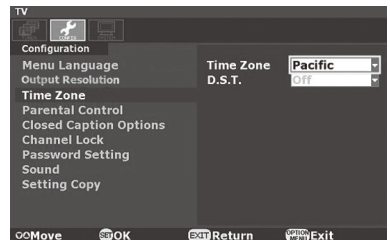
Control parental

Los padres pueden bloquear cierto tipo de programación según su clasificación y contenido.

NOTA: Esta función está protegida con contraseña.

1. En la página del menú "Configuración", seleccione "Control parental" y presione el botón AJUSTE.

2. Introduzca su contraseña. La contraseña predeterminada es "0000". Después, seleccione "Aceptar" y presione el botón AJUSTE. Aparecerán tres submenús.

    (1) Sistema de clasificación de TV de EE. UU. (U.S. TV Rating)

    (2) MPAA

    (3) Tabla de clasificación por región (RRT)

NOTA: RRT representa la función descargable de la Tabla de clasificación por región.

3. Seleccione "Clasificación de TV de EE. UU.", "MPAA" o "RRT" y presione el botón AJUSTE. A continuación, aparecerá el sistema de clasificación de TV de EE. UU., el sistema de la MPAA o la Tabla de clasificación por región.

4. Presione los botones ▲▼ -+ y el botón AJUSTE para activar las restricciones correspondientes.

NOTA: Si se bloquea un tipo de programación, la de clasificación más alta se bloqueará automáticamente, si bien esta última se puede desbloquear sin necesidad de desbloquear el resto.

Opciones de los subtítulos

Esta función selecciona las opciones de los subtítulos, el tamaño, la fuente, el color de fuente, el color de fondo, la opacidad de la fuente, la opacidad del fondo, el color de contorno y el tipo de contorno.

1. En la página del menú "Configuración", presione el botón ▲▼ para seleccionar "Opciones de los subtítulos" y, a continuación, el botón AJUSTE.

NOTA: Cuando se selecciona "Valor predeterminado" para el estilo, se utilizan los ajustes predeterminados para toda la selección.

2. Presione ▲▼ para resaltar la opción deseada y presione el botón AJUSTE.

3. Presione ▲▼ para seleccionar la selección deseada y presione el botón AJUSTE.

Bloqueo de canales

La función de bloqueo de canales controla la visualización de los canales.

Cuando el bloqueo de canales esté activado, el canal visualizado quedará fijo hasta que se desbloquee por medio de una contraseña.

NOTA: Esta función está protegida con contraseña.
cuando la función de bloqueo de canales está activada, no se puede utilizar la búsqueda de canales.

1. En la página del menú "Configuración", presione el botón ▲▼ para seleccionar "Bloqueo de canales" y después presione el botón AJUSTE.

2. Introduzca su contraseña. Después, seleccione "Aceptar" y presione el botón AJUSTE. La contraseña predeterminada es "0000".

3. Seleccione "Activado" o "Desactivado" y presione el botón AJUSTE.

Español
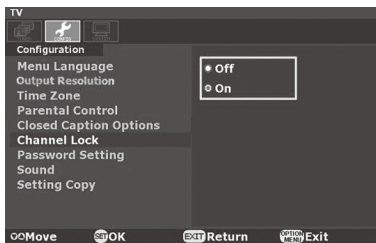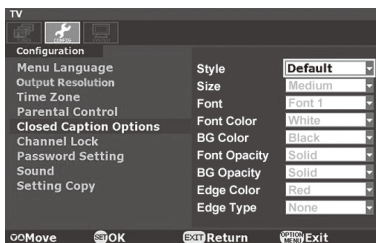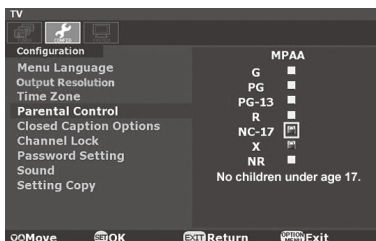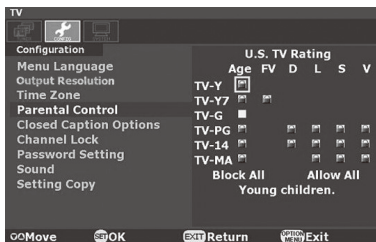
Configuración de contraseña

La contraseña controla el acceso a la función "Control parental", "Bloqueo de canales" y "Restablecer".
Por lo tanto, asegúrese de registrar o memorizar la contraseña nueva.
La contraseña predeterminada es "0000".

1. En la página del menú "Configuración", presione el botón ▲ ▼ para seleccionar "Configuración de contraseña" y después presione el botón AJUSTE.
2. Introduzca su contraseña en el teclado numérico del mando a distancia. Después, seleccione "Aceptar" y presione el botón AJUSTE.
3. Complete los campos "Nueva contraseña" y "Confirmar contraseña" con el teclado numérico. A continuación, seleccione "Cambiar" y presione el botón AJUSTE para cambiar la contraseña.

Sonido

Esta función selecciona el formato de salida S/PDIF.

1. En la página del menú "Configuración", presione el botón ▲▼ para seleccionar "Sonido" y a continuación el botón AJUSTE.
2. Presione ▲▼ para seleccionar el formato de salida S/PDIF y presione el botón AJUSTE.

NOTA: Cuando se selecciona "Desactivar", la salida S/PDIF se silencia.
NOTA: El audio solo está disponible en formato digital.
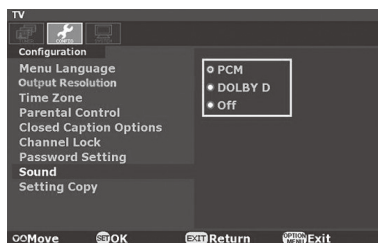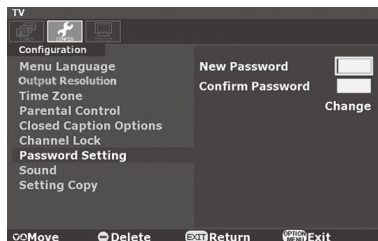
Copia de configuración

Esta función exporta o importa las opciones de configuración de este producto a través de un dispositivo flash USB.
Estas opciones de configuración son: Canales memorizados, Configuración de red, Configuración de programa IP, Modificación de canales, Resolución de salida, Idioma del menú, Zona horaria, Control parental, Opciones de subtítulos, Bloqueo de canales, Configuración de contraseña, Sonido y OSD de información.

NOTA: Esta función está protegida con contraseña.

Exportar

1. Inserte su dispositivo flash USB en el puerto USB de este producto.
2. En la página del menú "Configuración", presione el botón ▲▼ para seleccionar "Copia de configuración" y después presione el botón AJUSTE.
3. Introduzca su contraseña. Después, seleccione "Aceptar" y presione el botón AJUSTE. La contraseña predeterminada es "0000".
4. Seleccione "Exportar" y presione el botón AJUSTE.
5. Seleccione "Sí" y presione el botón AJUSTE. A continuación, la configuración del producto se exportará a su dispositivo flash USB.
6. Cuando se haya completado la exportación correctamente, se mostrará el mensaje "Exportación correcta".

NOTA: Si apareciera algún mensaje de error, proceda de acuerdo con el contenido del mensaje.

Importar

1. Inserte su dispositivo flash USB con los datos de configuración del producto en el puerto USB de este producto.
2. En la página del menú "Configuración", presione el botón ▲▼ para seleccionar "Copia de configuración" y después presione el botón AJUSTE.
3. Introduzca su contraseña. Después, seleccione "Aceptar" y presione el botón AJUSTE. La contraseña predeterminada es "0000".
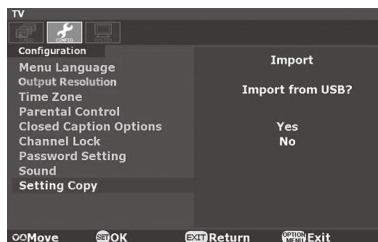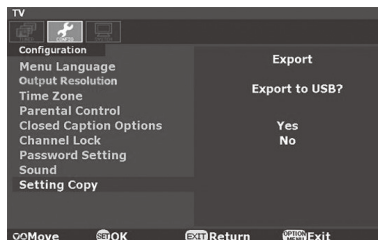
4. Seleccione "Importar" y presione el botón AJUSTE.
5. Seleccione "Sí" y presione el botón AJUSTE. Los datos de configuración exportados se importarán desde su dispositivo flash USB.
6. Cuando se haya completado la importación correctamente, se mostrará el mensaje "Importación correcta".

NOTA: Si apareciera algún mensaje de error, proceda de acuerdo con el contenido del mensaje.

NOTA: Cuando se selecciona "IP estática" en "Configuración de red", la dirección IP, la máscara de red, la puerta de red y la configuración DNS presentan los valores de la configuración copiada, así que deberá cambiar esta configuración a los valores adecuados tras la importación.

OSD de información

El OSD de información muestra el canal, la fuente de la señal, la resolución y (si están disponibles) los datos de la programación en pantalla con cada cambio de canal.

1. En la página del menú "Sistema", presione el botón ▲▼ para seleccionar "OSD de información" y después presione el botón AJUSTE.

2. Presione el botón ▲▼ para seleccionar "Activado" o "Desactivado" y presione el botón AJUSTE.
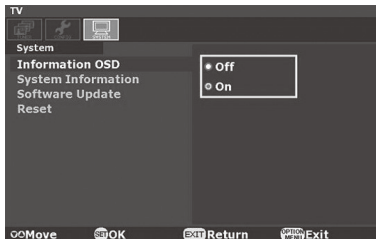
Información del sistema

Esta función muestra la versión de software y la configuración de red.

1. En la página del menú "Sistema", presione el botón ▲▼ para seleccionar "Información del sistema".

2. Presione el botón AJUSTE. Se mostrará entonces la información del sistema.
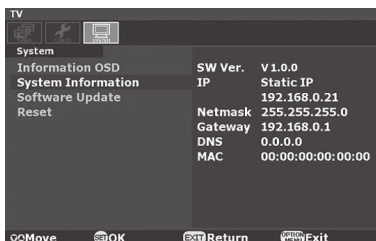
Actualización del software

Esta función solo se utiliza para servicio.

Restablecimiento

Esta función restablece todos los valores predeterminados de los ajustes de visualización en pantalla (OSD). La contraseña también vuelve a su valor predeterminado.

NOTA: Esta función está protegida con contraseña.

1. En la página del menú "Sistema", presione el botón ▲▼ para seleccionar "Restablecer" y a continuación presione el botón AJUSTE.

2. Introduzca su contraseña. Después, seleccione "Aceptar" y presione el botón AJUSTE. La contraseña predeterminada es "0000".

3. Seleccione "Sí" y presione el botón AJUSTE para restablecer todos los valores predeterminados.
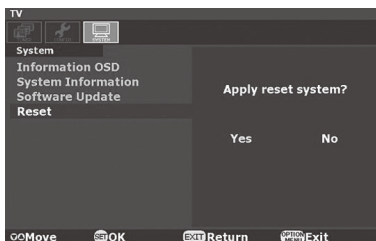
Control del módulo vía control LAN

Este producto se puede controlar mediante un ordenador personal conectado vía puerto Ethernet.
NOTA: el control LAN no puede controlar el monitor LCD.

1. Conexión

En primer lugar, apague el monitor LCD y el ordenador y a continuación conecte el cable LAN.
NOTA: Utilice un cable LAN de categoría 5e o superior.

2. Configuración de red

Configure la dirección IP del producto en la opción "Configuración de red" del menú OSD.
NOTA: Consulte la sección "Controles OSD" - "Configuración de red" de este manual para configurar la dirección IP.

3. Funcionamiento

Área de visualización

1) Una vez obtenido el acceso a la función del servidor HTTP al iniciar el explorador en el ordenador a través de la red conectada al producto, introduzca la dirección URL.

http://<dirección IP del producto>

Ejemplo: Si la dirección IP del producto es "192.168.0.1", la URL será http://192.168.0.1

2) Haga clic en el botón del panel de control del ordenador para ejecutar la función o la configuración.
NOTA: Consulte esta función en la sección "Funcionamiento básico" de este manual.

Ejemplo 1: Configuración directa del canal
Al hacer clic en los botones numéricos [1],[2],[3],[-],[4],[ENT] el canal cambiará a "123-4".

Ejemplo 2: Lectura del canal actual
Al hacer clic en el botón [CANAL ACTUAL] se mostrará el número del canal actual en el área de visualización.

Solución de problemas

<<Importante>>

Para que se muestren imágenes después de encender el producto, hay que esperar alrededor de un minuto.

No utilice el mando a distancia y espere a que finalice la inicialización.

NOTA: Cuando use el producto, configure el ajuste OPTION POWER de la pantalla en APAG.
Para obtener información sobre las operaciones de la pantalla, consulte el manual de la pantalla.

Problema	Solución
No hay imagen pero se visualiza un mensaje.	• Asegúrese de realizar una búsqueda de canales antes de ver un programa de TV. • Compruebe que la antena o el cable estén conectados correctamente.
Sin imagen	• Asegúrese de que la entrada de vídeo está configurada en "OPCIÓN". • Compruebe que el producto se haya instalado correctamente. Aléjelo de la pantalla si fuera necesario. • Compruebe que la configuración de la resolución de salida sea la adecuada para su pantalla. Para inicializar de manera forzada la resolución de salida, consulte "Métodos para inicializar la resolución de salida" en la página siguiente. • Presione el botón CH+ y CH- en el mando a distancia para cambiar los canales. • Cambie a otra señal de entrada una vez, a continuación, presione el botón OPTION en el mando a distancia de nuevo. • Presione el botón POWER para apagar la pantalla y vuelva a encenderla. • La pantalla podría entrar en espera automáticamente mientras se inicia el producto. Presione el botón de encendido del mando a distancia o presione de nuevo el botón de encendido/apagado de la pantalla. También compruebe el ajuste de AHORRO DE ENERGÍA (HABILITAR/DESHABILITAR o AJUSTE DE TIEMPO) de la pantalla.
Sin sonido	• Compruebe que el cable del altavoz de la pantalla está conectado correctamente. • Compruebe si el modo de silencio está activado. • Compruebe si el volumen está al mínimo. • Asegúrese de que la entrada de audio está configurada en "OPCIÓN". • Compruebe el interruptor del altavoz interno/externo de la pantalla. • Compruebe que el valor AUDIO de la pantalla del menú de OPCIÓN DE CONFIGURACIÓN está configurado en "DIGITAL". • Presione el botón MTS en el mando a distancia para comprobar el idioma seleccionado.
No se emite sonido desde la salida S/P DIF	• Compruebe que el cable óptico está conectado correctamente. • Compruebe que el formato de salida de audio (PCM/DOLBY D) para el ajuste de "Sonido" sea el adecuado para su sistema de audio digital. • Compruebe que la configuración del formato de salida de audio no está en "Desactivado".
No todos los canales están disponibles después de realizar la búsqueda automática.	• Realice una búsqueda automática para detectar el resto de los canales. Una vez que el sintonizador capte la señal, todos los parámetros de transmisión quedarán almacenados automáticamente en la memoria del sintonizador.
No se visualizan los subtítulos en el mismo idioma	• Asegúrese de que el canal que está viendo sea compatible con los subtítulos en el mismo idioma. • Presione el botón ▤ del mando a distancia para comprobar la salida de datos de subtítulos en el mismo idioma.
IPTV no funciona	• Compruebe que el cable LAN esté conectado correctamente. • Compruebe que tanto la configuración de red del producto como la de su sistema sea la correcta. • Compruebe que los dispositivos, concentradores y cables que se conecten a la red sean adecuados.
El mando a distancia no funciona	• Asegúrese de que las pilas se hayan colocado correctamente. • Pruebe las pilas para determinar la carga/vida útil restante. • Asegúrese de apuntar el mando directamente hacia el sensor de la pantalla. • Compruebe si el mando está en el modo ID remoto. • Es posible que el mando a distancia no funcione si se lo expone a la luz solar directa o si se produce una iluminación intensa sobre el sensor del mando de la pantalla.
No se reconoce el dispositivo flash USB	• Compruebe que el dispositivo flash USB está conectado correctamente. • Compruebe que el dispositivo flash USB cumple los requisitos. (Consulte Requisitos del dispositivo flash USB en la página 18).

Español

Métodos para inicializar la resolución de salida

Método 1

1. Pulse el botón OPTION del mando a distancia para cambiar la señal de entrada de la pantalla al sintonizador.
2. Pulse el botón DISPLAY del mando a distancia 10 veces. A continuación, la resolución de salida se cambiará a Full HD y se mostrará la pantalla de confirmación para cambiar la resolución de salida.
3. Seleccione "Mantener esta resolución" y presione el botón AJUSTE.

Método 2

1. Prepare un dispositivo flash USB y cree un archivo "ResetOutputResolution" en la carpeta raíz.

NOTA: Solo se reconoce el nombre de archivo "ResetOutputResolution" (no se distingue entre mayúsculas y minúsculas) sin la extensión del archivo.

2. Apague la pantalla e inserte el dispositivo flash USB al puerto USB de este producto.
3. Encienda la pantalla.

Especificaciones

TV digital	Sistema	ATSC/Clear QAM
	Frecuencia de recepción	ATSC: 57 - 803 MHz, Clear QAM: 57 - 861 MHz
	Cobertura de canales	ATSC: 2 - 69 canales, Clear QAM: 1 - 135 canales
	Modulación	ATSC: 8-VSB, Clear QAM: 64/256 QAM
	Ancho de banda	6 MHz
	Códec de vídeo	MPEG-2 MP@HL
	Códec de audio	Dolby Digital
IPTV	Tipo de transmisión	Unidifusión, multidifusión
	Protocolo de red	Ethernet IEEE 802.3, IPv4, TCP/IP UDP/IP, HTTP, DNS Client, DHCP Client
	Protocolo de transmisión	RTP
	Protocolo de multidifusión	IGMP v2/v3
	Códec de vídeo	
	HEVC (H.265)	MP@L5.0, perfil 10 principal @L5.0
	MPEG-4/AVC (H.264)	MP@L4.0, HP@L4.2
	MPEG-2	MP@ML, MP@HL
	WMV	MP@HL
	Códec de audio	
	MPEG-1	Layer I, Layer II, Layer III (MP3) 2.0
	MPEG-4	AAC-LC, HE-AAC
	Dolby	Dolby Digital, Dolby Digital Plus
	WMA	WMA 9
Interfaz	Entrada de antena	Conector tipo F
	Salida de audio	Conector óptico S/PDIF para audio digital
	Ethernet	RJ-45 (Ethernet de 10/100/1000 Mbps)
	USB	USB 2.0 de tipo A Actualización del firmware y copia de configuración Requisitos del dispositivo flash USB • Capacidad: de 512 MB hasta 16 GB • Sistema de archivos: FAT, FAT32 • Tamaño de la unidad de asignación: de 2 KB hasta 64 KB
Idioma en pantalla		Inglés/ Francés/ Español
Suministro eléctrico		+16 VDC (desde la interfaz de ranura opcional)
Consumo de energía		7,0 W
Condiciones de funcionamiento	Temperatura	0 - 40 grados
	Humedad	de 10 a 80% (sin condensación)
Condiciones de almacenamiento	Temperatura	-10 - 60 grados
	Humedad	de 10 a 90% (sin condensación)
Dimensiones	Neto	180,0 mm (An.) x 30,0 mm (Al.) x 119,0 mm (Pr.)
	Bruto	261,0 mm (An.) x 83,5 mm (Al.) x 196,0 mm (Pr.)
Peso	Neto	0,6 kg
	Bruto	0,9 kg
Normativa y pautas reglamentarias		FCC: Class B, BETS-7
Accesorios		Manual del usuario
Método de control		Mando a distancia de la pantalla/Mando Ethernet
Garantía limitada		Tres años por defectos de piezas y mano de obra

Español

Garantía limitada

NEC Display Solutions of America, Inc. (en adelante "NEC DISPLAY SOLUTIONS") garantiza que este producto estará libre de defectos en materiales y fabricación y, sujeto a las condiciones que se establecen a continuación, se compromete a reparar o reemplazar (a exclusivo criterio de NEC DISPLAY SOLUTIONS) cualquier parte de la unidad adjunta que se pruebe defectuosa durante un período de tres (3) años desde la fecha de la primera compra del consumidor. Las piezas de repuesto tienen una garantía de (90) días. Las piezas de repuesto o la unidad pueden ser nuevas o reutilizadas y cumplirán con las especificaciones de las partes originales o de la unidad. Esta garantía le da derechos legales específicos, y puede que tenga otros posibles que varían dependiendo del estado. Esta garantía se limita al comprador original del Producto y no es transferible.

Esta garantía solo cubre componentes suministrados por NEC DISPLAY SOLUTIONS. El servicio requerido como resultado de componentes de terceros no está cubierto por esta garantía. Para que esta garantía lo cubra, el producto debe haber sido comprado en EE. UU. o Canadá por el comprador original. Esta garantía solo cubre la distribución del producto en EE. UU. o Canadá por NEC DISPLAY SOLUTIONS. No se proporciona servicio de garantía fuera de los EE.UU. o Canadá. NEC DISPLAY SOLUTIONS requerirá un justificante de compra como prueba de la fecha de compra. La prueba de compra debe ser un recibo de compra original o el recibo que contiene el nombre y dirección del vendedor, el comprador y el número de serie del producto.

El envío de producto será su obligación, así como el gasto de enviarlo, pagar el franqueo o entregarlo al distribuidor autorizado donde lo compró o en otro centro autorizado por NEC DISPLAY SOLUTIONS para prestar los servicios que se indican a continuación, ya sea en el envoltorio original o en un paquete similar que proporcione el mismo grado de protección. Todos los productos devueltos a NEC DISPLAY SOLUTIONS para obtener servicio técnico deberán contar con la aprobación previa, la cual puede obtenerse llamando al 1-800-632-4662. El Producto no debe haber sido previamente modificado, reparado o sometido a mantenimiento por un centro de servicio diferente al autorizado por NEC DISPLAY SOLUTIONS para facilitar dicho servicio. El número de serie del producto no debe haber sido modificado ni retirado. Con el fin de que lo cubra esta garantía, el producto habrá sido objeto de visualización de imágenes fijas durante largos períodos de tiempo que resulten en persistencia de la imagen (efectos fantasma), accidentes, mal uso o abuso, o uso contrario a las instrucciones contenidas en el manual del usuario. Tales condiciones anularán esta garantía.

NEC DISPLAY SOLUTIONS NO SERÁ RESPONSABLE POR DAÑOS DIRECTOS, INDIRECTOS, INCIDENTALES, CONSECUENTES, O CUALQUIER OTRO TIPO DE DAÑOS CAUSADOS POR EL USO DE CUALQUIER PRODUCTO DE NEC DISPLAY SOLUTIONS QUE NO SEA BAJO LA RESPONSABILIDAD INDICADA. ESTAS GARANTÍAS REEMPLAZAN A CUALQUIER OTRA GARANTÍA EXPRESA O IMPLÍCITA, Y ENTRE OTRAS, LAS GARANTÍAS DE COMERCIALIZACIÓN O IDONEIDAD PARA UN PROPÓSITO PARTICULAR. ALGUNOS ESTADOS NO PERMITEN LA EXCLUSIÓN DE GARANTÍAS IMPLÍCITAS O LA LIMITACIÓN O EXCLUSIÓN DE RESPONSABILIDAD DE DAÑOS FORTUITOS O DERIVADOS, POR LO QUE LAS EXCLUSIONES ANTERIORES PUEDE QUE NO SEAN APLICABLES A USTED.

Este producto está garantizado de acuerdo con los términos de esta garantía limitada. Se advierte al consumidor que el rendimiento de este producto se ve afectado por la configuración del sistema, el software, la aplicación, los datos del cliente y el manejo del sistema, entre otros factores. Mientras que en principio los Productos de NEC DISPLAY SOLUTIONS son compatibles con numerosos sistemas, la implementación funcional específica por parte del cliente puede variar. Por lo tanto, el consumidor debe determinar la conveniencia de un Producto para un propósito o aplicación específicos, puesto que no está garantizada por NEC DISPLAY SOLUTIONS.

Para obtener el nombre de su centro autorizado más cercano de NEC Display Solutions of America, Inc., contacte con NEC Display Solutions of America, Inc. en el 1-800-632-4662.

Licencias de software GPL/LGPL utilizadas por el producto

Gracias por adquirir un producto NEC.

1. Software GPL/LGPL

El producto incluye software licenciado conforme a la licencia GNU GPL (licencia pública general) o GNU LGPL (licencia pública general menor).

Publicamos los códigos fuente del software para que pueda obtener, copiar, distribuir y modificarlo licenciado bajo GPL o LGPL.

Para obtener el texto completo de GPL y LGPL, consulte la página License-1 y siguientes.

- No podemos responderle ninguna pregunta en relación con los contenidos de los códigos fuente.
- No hay garantías para el software GPL/LGPL publicado propiamente dicho, hecho que no repercute en las condiciones de las garantías del producto.

[Obtención de los códigos fuente]

Solicite los códigos fuente del siguiente sitio web.

https://form.nec.jp/nec-display/root_en/2755e4/Inquiry.do?fid=2755e4

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- Dropbear 2014.63
- PTPd2 2.3.0

Español

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loginrec.c
loginrec.h
atomicio.h atomicio.c and strlcat() (included in util.c) are from OpenSSH 3.6.1p2, and are licensed under the 2 point BSD license.
loginrec is written primarily by Andre Lucas, atomicio.c by Theo de Raadt. strlcat() is (c) Todd C. Miller

Import code in keyimport.c is modified from PuTTY's import.c, licensed as follows:

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curve25519-donna:

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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 qhasm 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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