TAXiTRONiC

GOBOX

🇪🇸	MANUAL DE USUARIO
🇬🇧	USER'S MANUAL
🇬🇧	USER'S MANUAL (SWEDEN)

TAXiTRONiC

gobox BCT®
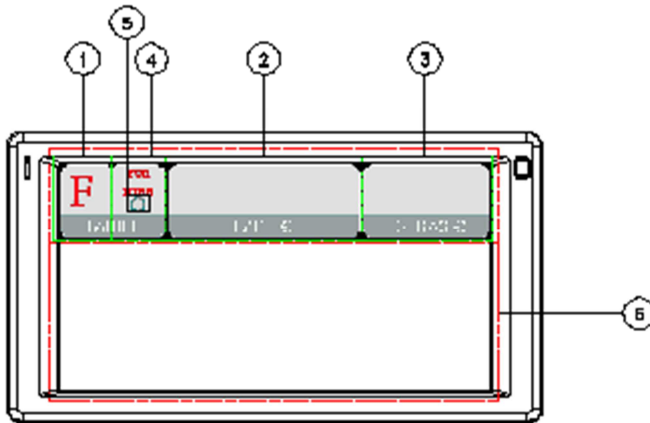
TV60 TC60

MANUAL DE USUARIO

Index

1 DESCRIPCION DEL EQUIPO

1.1 CARACTERÍSTICAS TÉCNICAS PRINCIPALES

	Longitud	Anchura	Altura	Peso
TC60	174 mm	140 mm	45 mm	520 g
TV60C	178 mm	70 mm	100 mm	630 g

El TC60 y TV60 están diseñados para funcionar en un entorno de clase electromagnética E3 (instrumentos alimentados por la batería de un vehículo) y en un entorno de clase mecánica M3 (nivel de vibraciones alto, correspondiente a un vehículo). La alimentación es de 10,5 a 30 V.

Operan dentro de un vehículo, en un rango de temperatura de -25ºC / 70ºC sin condensación.

1.2 DISPLAY DEL TAXÍMETRO

Display de TARIFA (1)	Muestra la tarifa utilizada
Display de ESTADO (4)	Muestra el estado del taxímetro
Display de IMPORTE (2)	Muestra el importe a pagar
Display de SUPLEMENTOS (3)	Muestra los suplementos
Indicador Tiempo / Distancia (5):	Indica si el taxímetro está contando por: - Distancia (indicador OFF) - Tiempo (indicador ON)

Algunas funciones de Taxímetro, como los suplementos, activan una ventana pop-up sobre el área de Terminal (6)

1.3 INTERFACE GESTIÓN DE FLOTA

En el TC60 conviven el taxímetro y la función de gestión de flota, que no es metrológica. Las funciones no metrológicas se muestran en un área bajo el taxímetro.

PESTAÑAS

Las funciones de gestión de flota del equipo se distribuyen en 5 pestañas. Estas pestañas están justo debajo del área del taxímetro. El interface de usuario de la pestaña activa utiliza el resto del área de la pantalla.

Servicios	Funciones	Llamadas	Mensajes	Navegador
Funcionalidad de servicios de taxi	Configuración Información Tickets especiales	Gestión de llamadas	Mensajes entre la central y el taxi	Navegador integrado (opcional)

BARRA DE ESTADO

El área inferior del display conforma una barra de estado que muestra información sobre:

Ubicación	Llamadas	Mensajes	Coberturas	Hora
Información sobre la ubicación	Estado de llamadas	Mensajes no leídos	Estado de conexión y cobertura de GPS / GSM / GPRS	hh:mm

1.4 LECTOR DE TARJETA

El lector de tarjetas está en la parte superior del terminal.

Se debe deslizar la tarjeta de izquierda a derecha, con la banda magnética hacia la parte posterior.
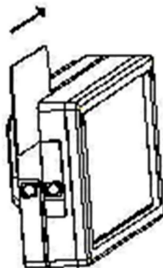
2 <u>PANTALLA TURNO CERRADO</u>

Cuando está en OFF o STANDBY, pulse en cualquier punto de la pantalla para pasar a ON.

El terminal pasa a ON y en estado de TURNO CERRADO

Las funciones disponibles en TURNO CERRADO son:

	Pasar a STANDBY para una pausa corta. Tras algún tiempo en este estado, el equipo se apagará automáticamente
	Pasar a OFF
	Inicio sin central. Inicia una sesión de trabajo, permitiendo trabajar como un taxímetro Off-line. No hay conexión con el Radiotaxi para recibir servicios. En la pantalla de identificación del usuario, dependiendo de la configuración, es necesario introducir o bien un código de conductor, o bien un usuario y password.
	Inicio con central. Inicia una sesión de trabajo, activando la funcionalidad completa del TC60/TV60. En la pantalla de identificación del usuario, dependiendo de la configuración, es necesario introducir o bien un código de conductor, o bien un usuario y password.

3 SERVICIO DE TAXÍMETRO

3.1 SERVICIO DE TAXÍMETRO

Iniciar un servicio	Cuando está en LIBRE, pulse sobre el área de Tarifa para iniciar un servicio.
	En el menú pop-up, seleccione la tarifa deseada. El taxímetro pasará a OCUPADO
	Cuando está en Ocupado, pulse en el área de Tarifa para cambiar a otra tarifa. En el menú pop-up se mostrarán las tarifas seleccionables. Seleccione la tarifa deseada.
Paso A Pagar	En Ocupado, pulse el área de Estado para pasar a A PAGAR
Paso a Libre	En A PAGAR, pulse el área de Estado. Esto iniciará el paso a Libre. La zona de gestión mostrará el menú de Pago. Para más detalles lea el punto "MENÚ DE PAGO".

3.2 SUPLEMENTOS

Añadir Suplementos	Estando en OCUPADO o en A PAGAR, pulse en el área de SUPLEMENTOS para añadir suplementos. Si los suplementos están permitidos, se abre un menú que propone los suplementos activos. Seleccione el botón correspondiente al suplemento adecuado.
Sumar Importe y Suplementos	En A PAGAR, pulse sobre el área de IMPORTE. Se sumará el IMPORTE y los SUPLEMENTOS durante un tiempo configurable.
Cancelar Suplementos	Para cancelar suplementos en A PAGAR, pulse sobre el área de TARIFA y seleccione CANCELAR SUPLEMENTOS Esta función puede estar deshabilitada si la legislación local no la permite.
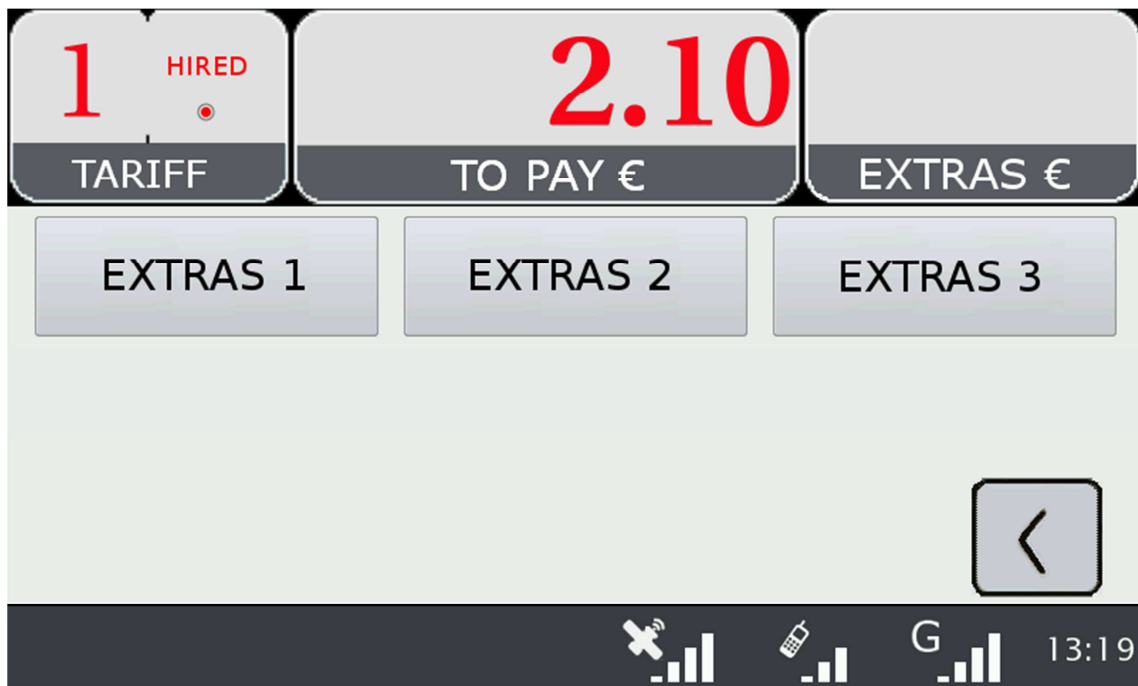
4 FUNCIONES AUXILIARES DEL TAXÍMETRO

En LIBRE el taxímetro puede mostrar información complementaria. Estas funciones se cierran tras un tiempo, o si el vehículo se desplaza.

La mayoría de estas funciones son accesibles pulsando sobre el área de Suplementos mientras el taxímetro está en Libre. Se abre un menú contextual.
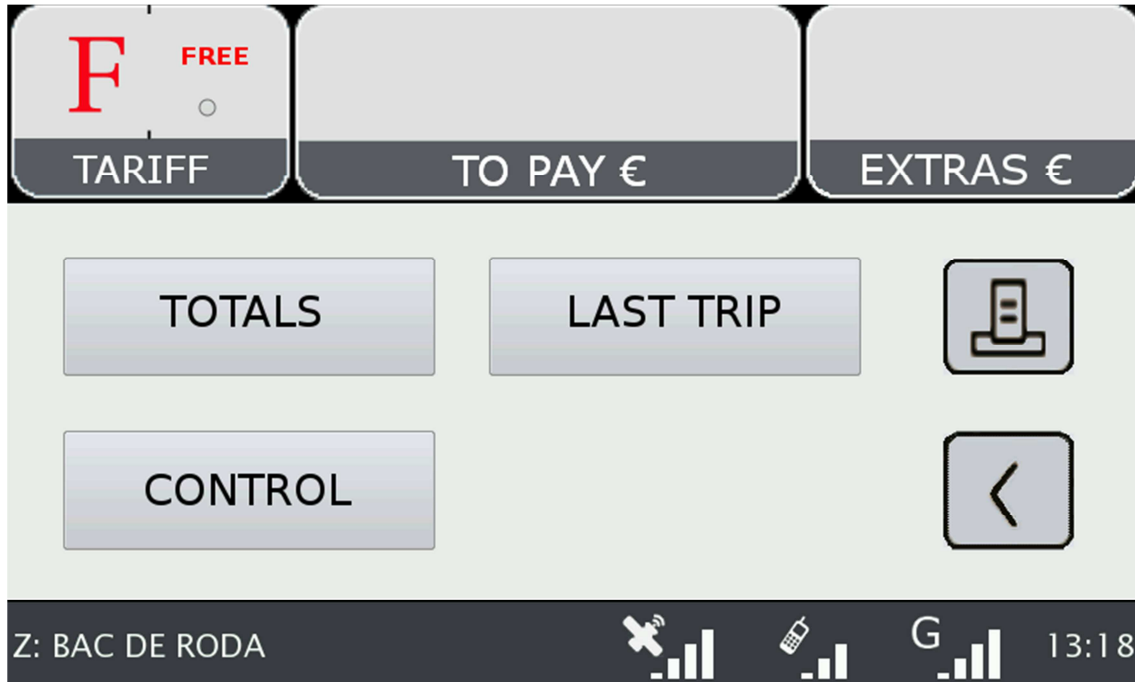
4.1 RELOJ-CALENDARIO

En LIBRE, pulse sobre el área de IMPORTE. Pulse varias veces para avanzar por los datos de fecha/hora. Los datos que se muestran son:

	Display de operación	Datos en el display de Importe	Datos en el display de Suplementos
Paso 1	HO	Hora	
Paso 2	DA	Día del mes	Día de la semana
Paso 3	YE	Año	

4.2 DATOS DEL ÚLTIMO SERVICIO

En LIBRE, pulse sobre el área de SUPLEMENTOS. En el menú seleccione "ÚLTIMO SERVICIO".

4.3 TOTALIZADORES

En LIBRE, pulse sobre el área de SUPLEMENTOS. En el menú seleccione "TOTALIZADORES"

Se muestran los Totalizadores Acumulados. Haga Scroll hacia abajo para mostrar los Totalizadores Parciales. Los totalizadores que se pueden mostrar son:

	Unidades	Acumulativos	Parciales
Número de servicios		o	o
Importe	Moneda	o	o
Suplementos	Moneda	o	o
Importe total	Moneda	o	o
Distancia total	km	o	o
Distancia en Ocupado	km	o	o
Distancia en Libre	km	o	o
Distancia en Libre con pasajero (*)	km	o	o
Tiempo en Ocupado	h	o	o
Tiempo en ON	h	o	o
Num de desconexiones de batería		o	o
Tiempo desde la última desconexión	h	o	o
Número de veces que se han borrado los totalizadores parciales		o	

(*) El totalizador "Distancia en Libre con pasajero" es operativo sólo si hay conectado un Sensor de Pasajero (opcional)

BORRAR LOS TOTALIZADORES PARCIALES

Mientras se muestran los totalizadores, pulse sobre el icono "X" para borrar los totalizadores parciales. Es necesario entrar un password.

- Si el password no es correcto, se cierra la ventana sin borrar los valores
- Si el password es correcto, se borran los totalizadores parciales

4.4 VER DATOS DE CONTROL

En LIBRE, pulse sobre el área de SUPLEMENTOS

En el menú, seleccione el botón CONTROL. Haga scroll para ver más datos.

Pulse sobre la Impresora para imprimir los datos de Control.

DATOS DE CONTROL BLOQUE 1

Los datos de Control del bloque 1 son:

Código	Formato	Descripción
C.1	XXXX	Constante K en impulsos/km
C.2.	XXXX	Número de tarifa
C.3.	YY/MM/DD	Fecha en la que se cargó la tarifa al taxímetro
C.4.	XXXX	Número del distribuidor que cargó la tarifa
C.5.	X.X.X.X.	Checksum de tarifa
C.6.	YY/MM/DD	Fecha en la que entrará en vigor una tarifa pre-configurada
C.7.	X.X.X.X.	Checksum de la tarifa pre-configurada
C.8.	X.X.X.X.	Número de cambios de la constante K
C.9.	X.X.X.X.	Número de cambios de tarifa

DATOS DE CONTROL BLOQUE 2

Los datos de Control del bloque 2 son:

Código	Formato	Descripción
L.1	XXXX	Número de Licencia del Taxi
L.2.	XXXXX.	Número de serie del TC60
L.3.	XX/XX/XX	Fecha de fabricación del TC60
L.4	XX/XX/XX	Fecha de instalación del TC60
L.5	XXXX.	Número del instalador que instaló el TC60
L.6	XX.XX	Versión de firmware de taxímetro del TC60
L.7	XXXX	Checksum del firmware de taxímetro del TC60
L.8	XXXXXXXXX	NIF del propietario
U.1 a U.8	YYYY/MM/DD HH:MM VVVV	Fecha de instalación y Versión de firmware de los 8 últimos cambios de firmware de taxímetro

DATOS DE CONTROL BLOQUE 3

Los datos de Control del bloque 3 son:

Código	Formato	Descripción
I.	XX	ID de tarifa
b.	XXXXX	Importe inicial
M.	XXXXX	Metros primer salto
S.	XXXXX	Segundos primer salto
d.	XXXXX	Tarifa por distancia (€/km)
S.	XXXXX	Tarifa horaria (€/hour)
P.	XX	Tarifa usada en A PAGAR
E.	XXXXX	Suplementos de la tarifa

4.5 MENSAJES DE ERROR DE TAXÍMETRO

Cuando hay un error que afecta a la funcionalidad de taxímetro, puede mostrar un código de error. Los códigos de error disponibles son:

Código	Descripción
E-2	Fallo del luminoso
E-3	Error de la señal de distancia
E-4	Error de reloj
E-5	El taxímetro está fuera del período de revisión configurado
E-6	Exceso de velocidad
E-7	Turno de trabajo excedido
E-8	Error en los parámetros de tarifación
E-9	Error del firmware de taxímetro
E-10	Error de impresora

5 <u>MENÚ DE PAGO</u>

Las funcionalidades de gestión incluyen un menú de Pagos, para poder realizar el pago del servicio con diferentes métodos. Cuando el terminal está en modo de Pago, es posible que el taxímetro tenga el paso a Libre restringido hasta que haya finalizado el pago.

5.1 MENÚ DE IMPORTES

El menú de Importes en el software de gestión muestra los conceptos que forman el importe total, y la suma de los mismos. Los conceptos de Importes son:

Importe de Taxímetro	Siempre. No editable
Importe de Suplementos	Si se ha entrado en el Taxímetro. No editable
Propinas	Opcional
Peajes	Opcional
Total	Suma de todos los conceptos

Propinas y Peajes son configurables, dependiendo de las reglamentaciones locales. Los Peajes se utilizan si el taxi ha pasado por una vía de Peaje (autopista, túnel, etc) y si tiene que ser pagados por el pasajero.

<p align="center">REINICIAR SERVICIO</p>

En algunos casos, si el taxi está en el menú de Importes para un servicio de la central que se ha iniciado demasiado pronto, el taxista puede opcionalmente volver a iniciar el servicio de central.

Esto cambia el estado de la aplicación de Gestión de Flotas a Despachado, y permite al taxista reiniciar el servicio. Esto no afecta al taxímetro, que siempre incluye cualquier servicio realizado en sus Totalizadores. Pero sí que puede contemplarse en la información de Turnos, en la cual este servicio se puede marcar como Reiniciado.

Esta función puede estar habilitada o deshabilita dependiendo de la configuración.

5.2 MÉTODOS DE PAGO

Tras el menú de importes, se pasa al menú de métodos de pago. Dependiendo de la configuración, se pueden mostrar los siguientes métodos:

	Pago al Contado Si la reglamentación local lo requiere, se puede imprimir recibo automáticamente
	Pago con Tarjeta de Crédito
	Pago de Abonado
	Imprimir Recibo

5.2.1   PAGO CON TARJETA DE CRÉDITO

Dependiendo del procesador de pago electrónico con el cual opere, se pueden utilizar tarjetas como Visa, MasterCard, American Express. Consulte con su Radiotaxi o distribuidor local para la información de los tipos de tarjetas activas.

En el momento de escribir este manual, el pago con tarjeta magnética está siendo obsoletado por los procesadores. Por este motivo, sólo se explica el pago con tarjeta EMV.

Pulse el botón PAGO CON TARJETA. El Terminal envía el importe al PIN-Pad. Siga las instrucciones en pantalla del PIN-Pad para continuar con el pago. Dependiendo del tipo de tarjeta, el cliente puede tener que introducir su código PIN. En tal caso, pase el PIN-Pad al pasajero para que pueda introducir el PIN.

TRANSACCIÓN AUTORIZADA

Si el pago es Autorizado, se imprime la copia del ticket de pago con tarjeta para el Conductor. Verifique si es necesaria la firma, dado que en algunos tipos de tarjeta, aunque sean EMV, es necesaria la firma. Si se ha impreso el cajetín de firma, entonces la firma es necesaria.

Pulse el botón de Copia para imprimir la copia para el Cliente.

TRANSACCIÓN DENEGADA

Si el pago no se autoriza, dependiendo del procesador de tarjeta, se mostrará un mensaje de error en pantalla. El mensaje puede cambiar dependiendo del tipo de error. Puede reintentar el pago, o bien escoger otro método de pago.

CANCELAR UN PAGO CON TARJETA

Tras un pago correctamente procesado, cuando el Terminal ya ha pasado a Libre, es posible cancelar el último pago con tarjeta. Seleccione la opción CANCELAR PAGO CON TARJETA.

5.2.2   PAGO DE ABONADO

Si el despacho se envió desde el Radiotaxi como de Abonado, el pago se inicia por defecto como de Abonado. Los menús en pantalla pueden cambiar dependiendo del despacho o las propiedades del usuario abonado.

Si las propiedades del Abonado requieren validación de Tarjeta de Abonado, es necesario deslizar la tarjeta del Abonado por el lector de tarjeta magnética integrado en el TV60, o por el lector magnético del PIN-Pad si está conectado.

En función de propiedades del Abonado, puede tener que introducir un código de Autorización.

Si el pago es autorizado, se imprimen los tickets de Pago de Abonado.

Si el pago de Abonado es rechazado, es posible escoger otro método de pago.

6 FUNCIONES DE RADIO TAXI

6.1 UBICACIÓN

Al iniciar sesión de trabajo con central, el equipo calcula la zona en la que está situado, basado en la localización GPS. La información se envía automáticamente a la central.

Si la posición está dentro de una zona de trabajo, el estado cambia de LIBRE a UBICADO EN ZONA. Cuando el taxi se ubica en una zona, se muestra la ubicación en la Barra de Estado.

Tipo de ubicación	Nombre de la Zona	Orden en la Zona
• Parada • Zona • Ocupado	Muestra el nombre de la zona en la que el taxi está ubicado	El orden en la zona se muestra durante un tiempo configurable.

	ACTUALIZAR ORDEN UBICACIÓN Actualiza la información del orden de ubicación
	DESACTIVAR UBICACIÓN Cuando el conductor no quiere recibir servicios de central durante un período
	ACTIVAR UBICACIÓN Cuando la Ubicación está Desactivada, y desea volver a estar disponible para recibir servicios otra vez
	UBICAR EN PARADA Está disponible cuando el taxi está dentro de la zona de influencia de la Parada de Taxi. De lo contrario, se dará un aviso acústico de error.
	DESUBICAR DE PARADA Para salir de una Parada y pasar Ubicación en la Zona
	CONSULTA DE UBICACIÓN Cuando el taxi está ubicado, la Consulta de Ubicación está disponible.
	SERVICIOS PENDIENTES Cuando está ubicado, da acceso a la lista de servicios que la central no ha adjudicado automáticamente, probablemente porque no había taxis en la zona adecuada.
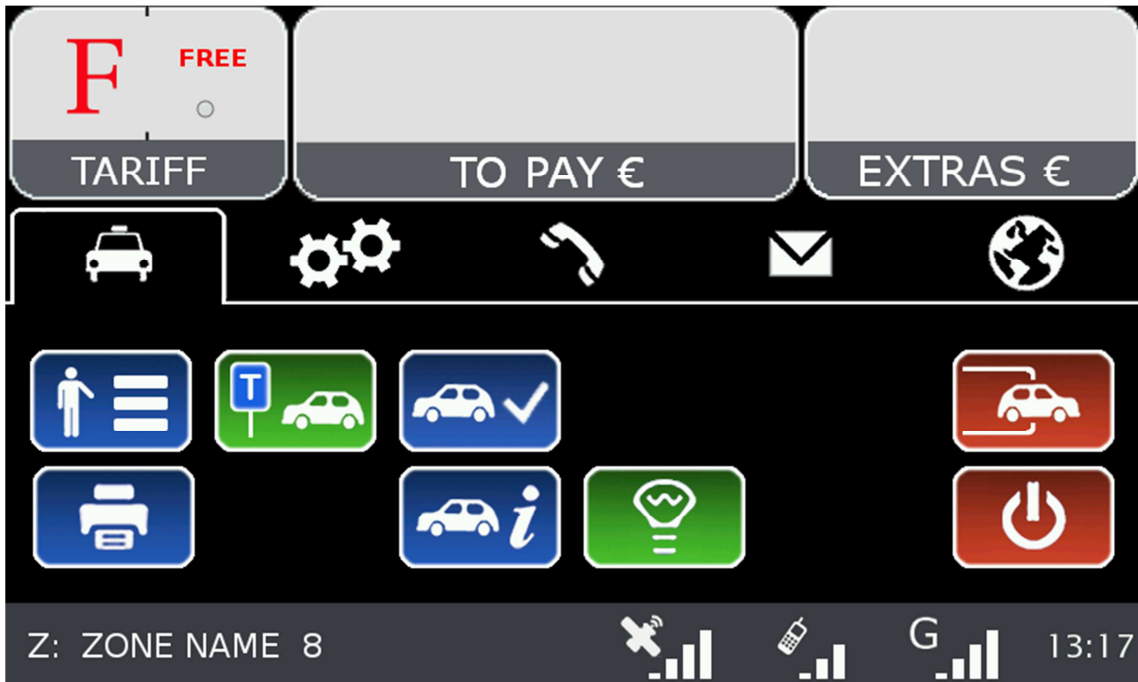
6.2 SERVICIOS PENDIENTES

Cuando está ubicado, da acceso a la lista de servicios que la central no ha adjudicado automáticamente, probablemente porque no había taxis en la zona adecuada.

Servicio 1	Zona recogida	Zona destino	Calle de recogida	Requerimientos
Servicio 2	Zona recogida	Zona destino	Calle de recogida	Requerimientos
Servicio N	Zona recogida	Zona destino	Calle de recogida	Requerimientos

Al recibir la lista de servicios, pulsando sobre uno de ellos solicita a la central la adjudicación del servicio. Si la central lo valida, el taxi recibirá el despacho del servicio.

Si el servicio no puede ser asignado, se envía al taxi un mensaje "SERVICIO NO ASIGNADO"

Si no hay servicios disponibles, se envía al taxi un mensaje "NO HAY SERVICIOS"

6.3 CONSULTA DE UBICACIÓN

La Consulta de Ubicación permite recibir la información relativa a la distribución de trabajo en las zonas.

	Taxis en la Parada de la Zona	Taxis Ubicados en la Zona	Taxis Ocupados finalizando servicio en la Zona	Clientes esperando taxi
Zona 1..N	Verde	Amarillo	Rojo	Blanco

Dependiendo de la configuración del Radiotaxi, si esta pantalla se mantiene abierta, la información de las zonas se actualizará a medida que el taxi se desplaza, actualizando el menú para que siempre incluya la zona en la cual está ubicado el taxi.

Una vez se usa Scroll, los menús dejan de seguir los cambios de zona del Taxi, hasta que se cierre la pantalla y se vuelva a abrir. Esto permite consultar la información de otra zona de su interés, sin que la información cambie mientras está leyendo.

La información de los Taxis en la Zona es acumulada con los taxis en Parada, ya que normalmente los Taxis en Parada tienen más prioridad que los que están en Zona.

Lo mismo se aplica a los taxis en Ocupado finalizando servicio en la Zona: Esta información es acumulada con los taxis en la Parada y los taxis en la Zona.

Esto permite saber de forma sencilla, y sin tener que hacer cálculos mentales, el orden de prioridad en la zona que tendrá un taxi que se ubique en una zona, en cualquiera de los tres tipos de ubicación.

Las acciones en esta pantalla son:

	Scroll arriba
	Scroll abajo
	Cerrar la Consulta de Ubicación
	Volver un nivel atrás a las Macrozonas

Las Macrozonas son áreas de trabajo que contienen varias Zonas. La información en las Macrozonas es equivalente a la información de las Zonas, acumulando todas las Zonas que contiene.

6.3.1 INFORMACIÓN DETALLADA DE ZONA

Detalle de Taxis en la Zona proporciona información detallada de los taxis en la zona

Nombre de la Zona	Taxis en la Parada	Taxis en la Parada	Taxis finalizando
Número de orden	Taxis ubicados en Parada, con su hora de ubicación.	Taxis ubicados en la Zona	Taxis finalizando servicio en la Zona

Detalle de Servicios en la Zona proporciona información detallada de los servicios en la zona

Nombre de la Zona	Servicios en la Zona	Requerimientos
Número de orden	Hora de Recogida del Servicio	Requerimientos del Servicio

Estas funciones pueden estar activadas o desactivadas dependiendo de la configuración del Radiotaxi.

6.4 RECEPCIÓN DE DESPACHO

Cuando el taxi recibe un Despacho, se muestra la siguiente información:

Hora de inicio	Zona de recogida	Requerimientos del Servicio
	Tiene un nuevo despacho	Dirección de recogida
	Lo acepta?	

Parte de esta información es opcional, dependiendo de la configuración del Radiotaxi se muestra o no.

Si se excede un tiempo máximo para aceptar el servicio, se rechaza automáticamente.

Las opciones disponibles tras aceptar el despacho son:

	INFORMACIÓN DEL DESPACHO Una vez aceptado el despacho, se muestra la información completa del servicio. En la pantalla de Servicios, se puede volver a ver la información con este botón.
	AVISO EN PUERTA Si el cliente ha solicitado ser avisado de la llegada del taxi, el botón AVISO EN PUERTA se activa. Al seleccionarlo, el cliente recibirá la notificación.
	NO HAY CLIENTE Si al llegar a la dirección de recogida el cliente no está, seleccione NO HAY CLIENTE. La Central gestionará la incidencia y proporcionará instrucciones.
	SI HAY CLIENTE Si el cliente llega tras haber utilizado, NO HAY CLIENTE, notifíquelo a la central con SI HAY CLIENTE. De esta forma la central no perderá el tiempo buscando al cliente, que ya está en el taxi.
	DEVOLVER SERVICIO Utilícelo si ha aceptado un servicio pero es necesario devolverlo a la central. En algunos radiotaxis, devolver servicios puede ser motivo de sanción, de modo que infórmese sobre la política de su flota antes de usar esta función.
	DESACTIVAR LUMINOSO Cuando el taxi tiene un despacho, se puede desactivar la luz de Libre. Esto evita confusión al resto de clientes en la calle, que intentan parar al taxi porque ven la luz de Libre, pero el taxi realmente no está disponible. Esta función es configurable, puede estar desactivada en caso de que no esté permitida por la reglamentación local.

6.5 INFORMACIÓN DE DESPACHO

Una vez se ha aceptado un despacho, se muestra la información completa del mismo

	Observaciones del Servicio. Se activa sólo si hay observaciones.
	DESTINO Si el cliente ha comunicado el destino del servicio, puede usar este botón para ver el destino. Es posible también navegar a estos destinos.
	Salir al menu principal
	Navegar a la dirección de Recogida
	Imprimir la información del Despacho

6.6 DIAGRAMA DE TRABAJO

Este diagrama muestra el flujo de trabajo de un Servicio Despachado
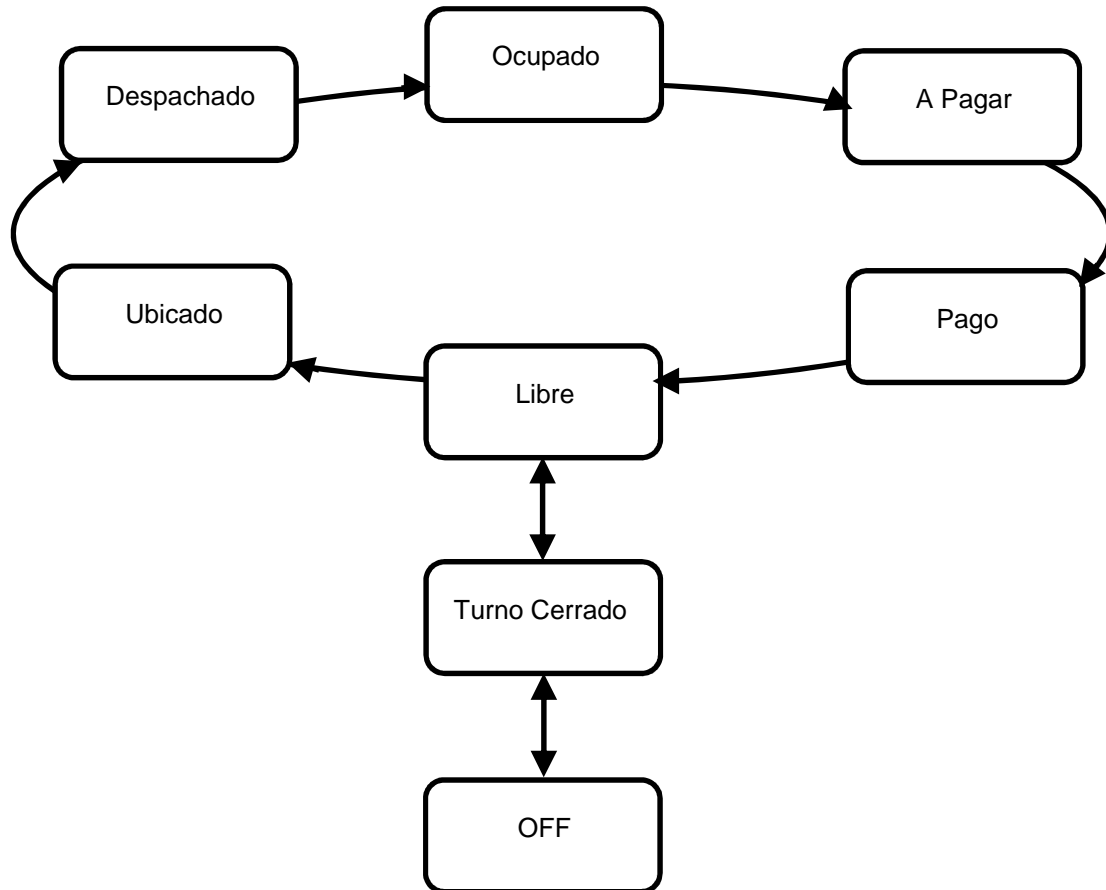
7 <u>FUNCIONES GENERALES</u>

	Avance de papel
	Imprimir una copia del último ticket de pago con tarjeta. Activo sólo tras un pago con tarjeta.
	Información del equipo y configuración del sistema
	Parámetros de configuración de la aplicación de Radiotaxi
	Funcionalidades relativas a la información de turnos de trabajo

7.1 SYSTEM

	Fecha y Hora actual
GPS	Información de estado del receptor GPS
GSM	Información del estado de los módulos GSM / GPRS. Tanto cobertura como dirección IP. Atención: En ocasiones el equipo tiene tanto cobertura como dirección IP, pero el operador GPRS no tiene recursos suficientes para gestionar las transmisiones entre sus diversas infraestructuras.
	Información sobre la versión de software y configuración
	Ajuste de volumen del altavoz
	Información de la batería recargable interna, y de la batería del vehículo
	Permite ajustar los parámetros de brillo del display Brillo mínimo, Brillo máximo, Sensibilidad del sensor de luminosidad

7.2 CONFIGURACIÓN

	Activa / Desactiva la impresión automática de la información del despacho
	Configurar un número de teléfono al cual el Terminal hará una llamada telefónica cuando reciba un despacho. Sirve para avisar al taxista si está fuera del taxi en una Parada. Es necesario tener las llamadas de voz activadas.
PIN	Configura un PIN que filtra el acceso a las llamadas telefónicas.
	Cambiar idioma.
	Activa la locución de los importes del Taxímetro durante un servicio.

7.3 TURNOS

	PARCIALES: Imprime la información de los ingresos acumulados desde el último cierre, permitiendo una gestión básica de los ingresos. La información se descompone en Contado, Crédito y Abonado.
	CIERRES: Imprime la información de los ingresos acumulados desde el último cierre, resetea los valores a cero e incrementa el número de cierre
	Imprime un ticket de Turnos, permitiendo escoger de una lista el turno a imprimir.
	Configuración de la aplicación de Turnos
	Activa / desactiva la impresión de la información de cada servicio en los tickets de Turno.
	Activa / desactiva la impresión de las direcciones de inicio/final de servicio en los tickets de turno. Necesita que la Cartografía opcional esté operativa.
	Activa / desactiva el Cierre Automático al cerrar la sesión de trabajo.

8 LLAMADAS

	Llamada mediante marcación del número
	Ajustar el volumen de altavoz en las llamadas
	Agenda de teléfonos
	Nuevo contacto
	Borrar contacto
	Petición de voz con Central. El operador llamará al taxi cuando esté disponible
	Una vez realizada Petición de Voz, es posible cancelarla

9 MESSAGES

	Lista de mensajes recibidos
	Imprimir un mensaje
	Borrar un mensaje de la lista
	Solicitar una Información a la central. Abre un menú con las opciones de información disponibles.
	Solicita una asistencia o servicio por parte de la central. Abre un menú con las opciones de Asistencia/Servicios disponibles

10 NAVEGADOR

La cartografía integrada opcional puede ser proveída a un precio adicional. La cartografía se actualiza periódicamente, consulte a su distribuidor Taxitronic sobre la disponibilidad de actualizaciones de cartografía.

	Muestra la posición actual del taxi sobre el mapa
	Configuración de la aplicación de Navegación
	Opciones de display de Día / Noche
	Navegar a un destino
	Finalizar navegación
	Muestra la dirección de destino, y si es un POI, proporciona información sobre el POI, como número de teléfono, etc.

10.1 CONFIGURACIÓN

|	
	Activar / desactivar vías de peaje en la ruta
	Activar / desactivar aviso de controles de velocidad. Esta función puede no estar disponible si la legislación local no lo permite.
	Instrucciones de voz de navegación
	Escoger entre la ruta más rápida o la más corta
	Activar / desactivar la vista 3D del navegador. Esta función está disponible sólo en las generaciones más recientes del TC60

10.2 NAVEGAR A UN DESTINO

Antes de iniciar la navegación por primera vez, y en ocasiones después de una actualización del software, es necesario configurar el país.

- Seleccionar el botón "País"
- Se muestra la lista de países disponibles en la navegación
- Seleccionar el país deseado
- Después de seleccionar el país, se pueden usar varios métodos para la navegación

	Navegar a Dirección. Entre los datos del destino: - Ciudad - Calle - Número
	Navegar a Cruce de calles. Entre los datos del destino: - Ciudad - Calle A - Calle B
	Navegar a Punto de Interés (POI). Entre los datos: - Ciudad - Categoría de POI's - Nombre del POI
12°54"	Entre las coordenadas del destino en uno de los siguientes formatos: GG:MM:SS Grados: minutos : segundos GG.gggg Grados.decimales de grado
	Destinos recientes.
	Navegación a Favoritos .
	Añadir un Favorito Entre el destino con cualquiera de los métodos excepto POI. A continuación, pulse el botón Añadir Favorito
	Eliminar un Favorito Abra el menú, y seleccione el favorito a eliminar. El favorito sera eliminado.

10.3 INTERFACE DE NAVEGACIÓN
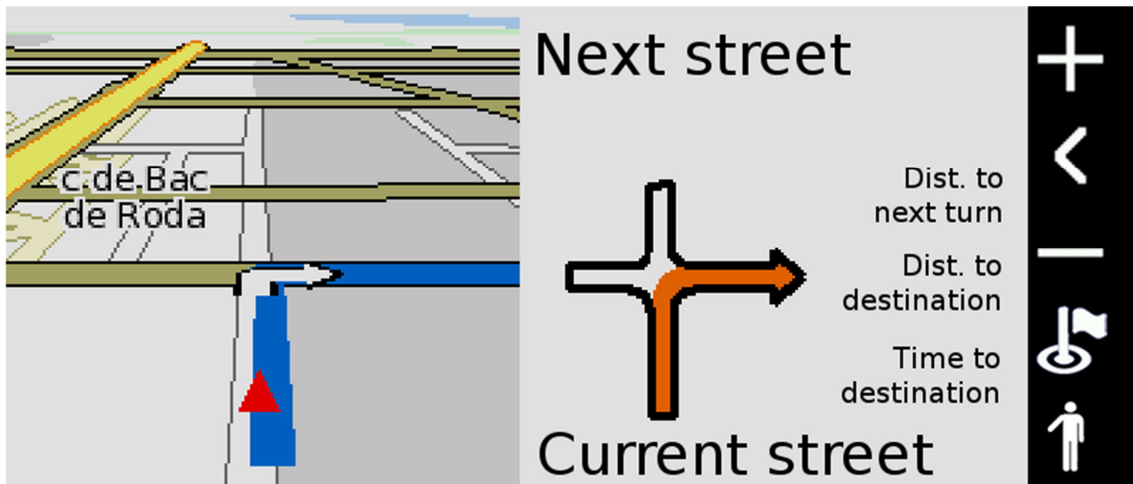
La barra vertical a la derecha tiene las siguientes funciones:

	Zoom acercar
	Salir
	Zoom alejar
	Mostrar el mapa centrado en el destino
	Enviar el Aviso en Puerta al cliente. Activo si despachado.

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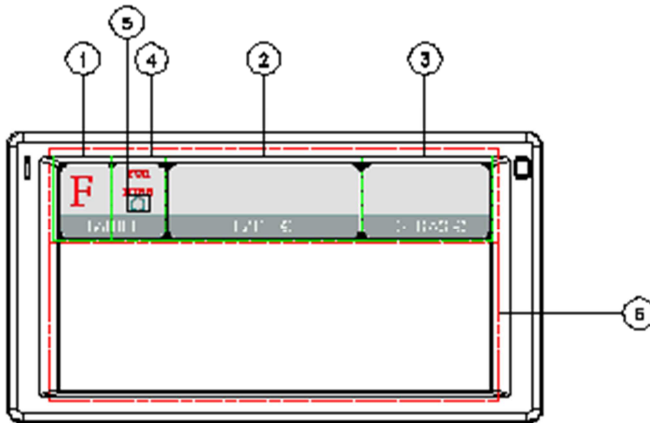### TV60 TC60

USERS MANUAL

Index

1 <u>DESCRIPTION OF THE DEVICE</u>

1.1 MAIN TECHNICAL CHARACTERISTICS

	Length	Width	Heigth	Weight
TC60	174 mm	140 mm	45 mm	520 g
TV60C	178 mm	70 mm	100 mm	630 g

TC60 and TV60 are designed to operate in an environment of electromagnetic class E3 (instruments powered by a vehicle battery) and in a mechanical environment class M3 (high and very high vibration level, as in a vehicle). Power supply is from 10,5 to 30 V.

They operate inside a vehicle, in a temperature range of -25ºC / 70ºC without condensation

1.2 TAXIMETER DISPLAY

TARIFF display (1)	Displays the tariff position of the taximeter
STATUS display (4)	Displays the operative status of the taximeter
FARE display (2)	Displays the amount to be paid
EXTRAS display (3)	Displays the extras.
Time / Distance indication (5):	It indicates if the taximeter is counting by - Distance (indication OFF) - Time (indication ON)

Some Taximeter functions, like Extras, activate a pop-up window over the Terminal area (6)

1.3 FLEET MANAGEMENT INTERFACE

The device handles the taximeter and also fleet management functions, which are not metrologic. The non-metrologic functions are displayed in the area below the taximeter.

TABS

The fleet management functions of the terminal are distributed into 5 tabs. These tabs are shown just below the taximeter area. The user interface of the active tab uses the rest of the area of the terminal.

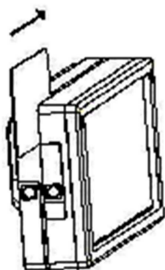| Trips	Functions	Calls	Messages	Navigator
Taxi trips functionality	Configuration Information Special tickets	Calls management	Messages between taxi and central	Integrated navigator (optional)

STATUS BAR

The bottom area of the display contains status bar which displays information about:

Location	Calls	Messages	Coverages	Time
Taxi Location information	Calls status	Unread messages	Connection status and coverage of GPS / GSM / GPRS	hh:mm

1.4 CARD READER

The magnetic card reader is at the top of the terminal.

Cards must be slid from left to right, with the magnetic band to the back.

2 <u>CLOSED SHIFT SCREEN</u>

When in OFF or STANDBY, press anywhere on the screen to switch ON.
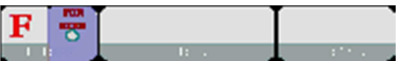
The terminal switches ON and goes to CLOSED SHIFT.
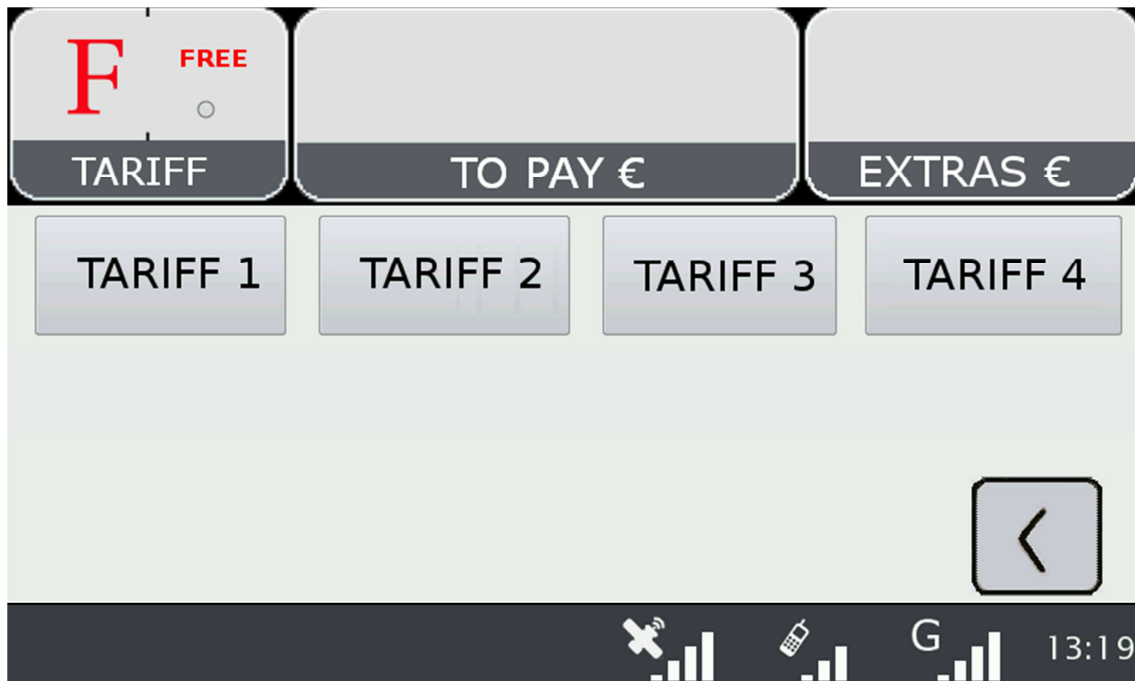
The functions available on the main CLOSED SHIFT screen are:

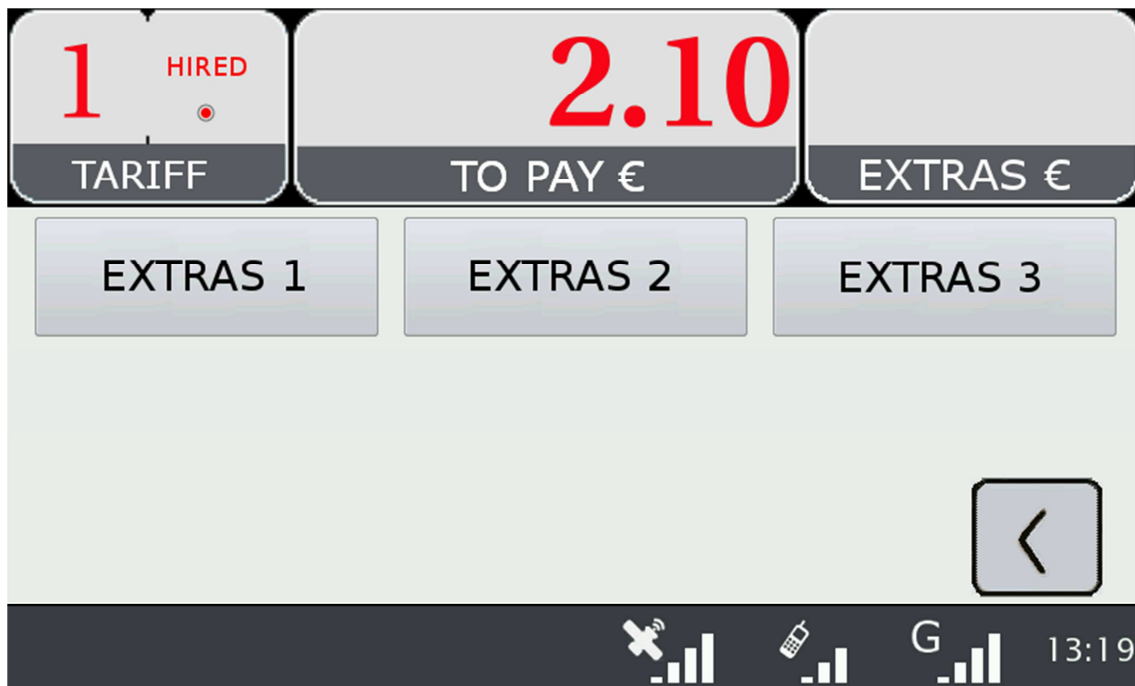|	
	Switch to STANDBY for a short pause. After some time the device will shut down automatically
	Switch to OFF
	Login without Central This starts the work session, allowing to work as an off-line taximeter: There is no connection with the taxi radio central to receive taxi trips. In the user identification screen, depending on the configuration, you may have to enter a driver code, or a user and password
	Login with Central This starts the work session, activating the full functionality of the TC60/TV60, In the user identification screen, depending on the configuration, you may have to enter a driver code, or a user and password

3 TAXIMETER TRIP

3.1 TAXIMETER TRIP

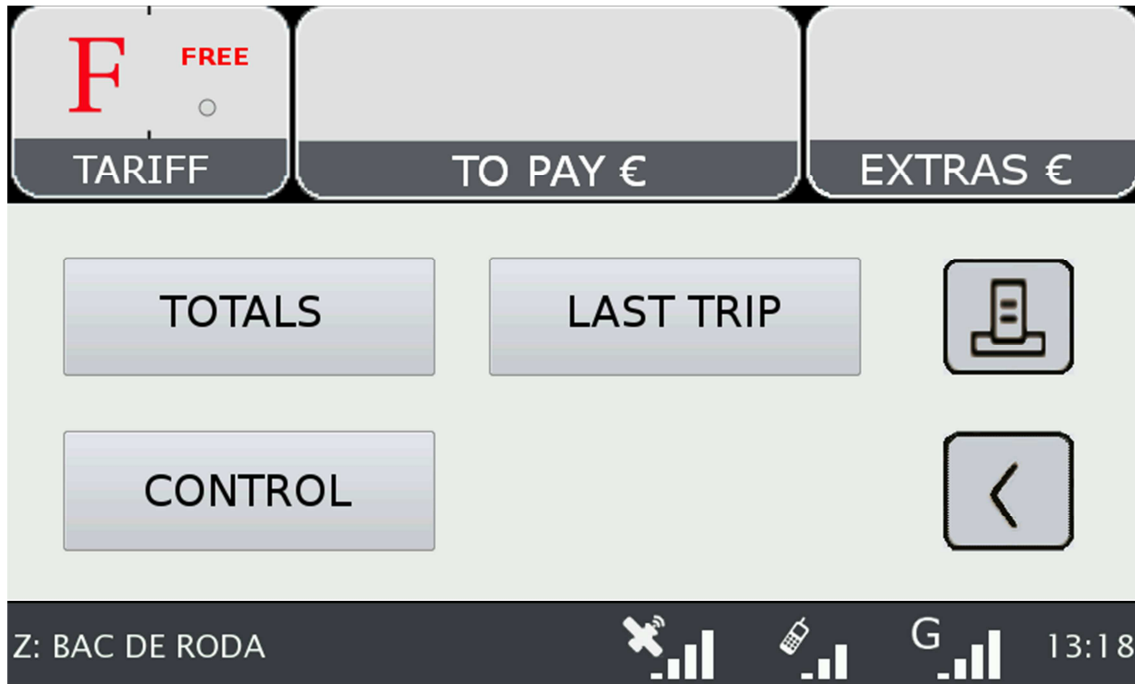|	
Start a trip	When in FOR HIRE, press on the Tariff Area to start a trip.
	On the pop-up menu, select the desired tariff. The taximeter will switch to HIRED.
	When in HIRED, press on the Tariff Area to change to another tariff. A pop up menu will display the tariffs which are currently selectable. Select the desired tariff.
Switch to Stopped	While in HIRED, press on the Status Area to switch to STOPPED.
Switch to For Hire	While in STOPPED, press on the Status Area. This will switch to FOR HIRE. The fleet management zone will display the Payment menu. See point PAYMENT MENU for details

3.2 EXTRAS

Add Extras. 	When in HIRED or STOPPED, press on the EXTRAS area to add Extras. If Extras are allowed, a pop up menu displays the available Extras. Select the adequate Extras button.
Fare and Extras addition 	When in STOPPED, press on the FARE Area. The FARE display will show the addition of FARE and EXTRAS for a configurable time.
Cancel Extras	To cancel extras while in STOPPED, press on the TARIFF area and select CANCEL EXTRAS. This function might be disabled if local regulations do not allow it.

4 TAXIMETER AUXILIARY FUNCTIONS

While in FOR HIRE the taximeter can display complementary information. These functions are all closed after a timeout, or if the car is moving.

Most of these functions are available by selecting the Extras area in Free. A pop-up window is opened.

4.1 CALENDAR-CLOCK

While in FOR HIRE, press on the FARE Area. Keep pressing on FARE to go through the visualization of all data. The data displayed in sequence are:

	Operation display	Data on the Fare display	Data on the Extras display
Step 1	HO	Time	
Step 2	DA	Day of the month	Day of the week
Step 3	YE	Year	

4.2 LAST TRIP DATA

While in FOR HIRE, press on the EXTRAS area. A pop up menu opens. Select "LAST TRIP".

4.3 TOTALIZERS

While in FOR HIRE, press on the EXTRAS Area. A pop up menu opens. Select "TOTALS"

The Accumulative Totalizers are displayed. Scroll down to see the Partial totalizers. The Totalizers that can be displayed are:

	Units	Accumulative	Partial
Number of trips		o	o
Fare amount	Currency	o	o
Extras amount	Currency	o	o
Total amount	Currency	o	o
Total Distance	km	o	o
Distance in Hired	km	o	o
Distance in For Hire	km	o	o
Distance in For Hire with passenger (*)	km	o	o
Time in Hired	h	o	o
Time in ON	h	o	o
Num of battery disconnexions		o	o
Time since last disconnexion	h	o	o
Number of times Partial totalizers have been resetted		o	

(*) The totalizer "Distance in For Hire with passenger" is operative only if there is a connected optional Passenger Sensor.

RESETTING PARTIAL TOTALIZERS

While the totals are being displayed, press on the "X" button to reset the partial totalizers. It is necessary to enter a password.

- If the password is not correct, the window is closed without resetting the values
- If the password is correct, the partial totalizers are resetted

4.4 VIEWING CONTROL DATA

While in FOR HIRE press on the EXTRAS Area

A pop up menu opens. Select the button "CONTROL BLOCKS". Scroll to view more data.

Press on the Printer button to print the control blocks information.

CONTROL DATA BLOCK 1

Data displayed in Control Block 1 are:

Code	Format	Description
C.1	XXXX	K constant in pulses/km
C.2.	XXXX	Tariff number
C.3.	YY/MM/DD	Date in which the tariff was charged to the taximeter.
C.4.	XXXX	Num of the distributor who charged the tariff
C.5.	X.X.X.X.	Tariff checksum
C.6.	YY/MM/DD	Date in which a pre-recorded tariff will become active
C.7.	X.X.X.X.	Checksum of the pre-recorded tariff
C.8.	X.X.X.X.	Number of changes of the K constant
C.9.	X.X.X.X.	Number of tariff changes

CONTROL DATA BLOCK 2

Data displayed in Control Block 2 are:

Code	Format	Description
L.1	XXXX	Taxi License number
L.2.	XXXXX.	TC60 serial number
L.3.	XX/XX/XX	TC60 manufacturing date
L.4	XX/XX/XX	TC60 installing date
L.5	XXXX.	Num of the distributor who installed the TC60
L.6	XX.XX	TC60 taximeter software version
L.7	XXXX	TC60 taximeter software version checksum
L.8	XXXXXXXXX	Fiscal ID of the owner
U.1 to U.8	YYYY/MM/DD HH:MM VVVV	Date, time and version number of the last 8 taximeter software updates

CONTROL DATA BLOCK 3

Data displayed in Control Block 3 are:

Code	Format	Description
I.	XX	Tariff ID
b.	XXXXX	Initial amount, flag drop
M.	XXXXX	Meters first drop
S.	XXXXX	Seconds first drop
d.	XXXXX	Distance tariff (€/km)
S.	XXXXX	Time tariff (€/hour)
P.	XX	Tariff position in FARE
E.	XXXXX	Extras of the tariff

4.5 TAXIMETER ERROR MESSAGES

When there is a functional error affecting the taximeter function, it will display the error code.

The available error codes are:

Code	Description
E-2	Rooflights failure
E-3	Distance signal error
E-4	Clock error
E-5	The taximeter is out of the configured revision period
E-6	Excess speeding
E-7	Working time max exceeded
E-8	Error in the tariff parameters
E-9	Taximeter software error
E-10	Printer failure

5 PAYMENT MENU

The Terminal functions include a Payment menus, in order to perform the trip payment with different available payment methods. While the Terminal is in Payment mode, it is possible that the Taximeter is not able to pass to For Hire until the Payment has been finished.

5.1 AMOUNTS MENU

The Amounts menu on the Terminal software displays the concepts that form the total amount, plus the addition. The concepts on the Amounts menu are:

Taximeter Amount	Always. Not editable
Taximeter Extras	If entered in the taximeter. Not editable
Tips	Optional
Tolls	Optional
Total	Addition of all amount concepts

Tips or Tolls are configurable, depending on local regulations. Tolls are used in case the taxi has gone through a Toll (highway, tunnels, etc) and if they have to be paid by the passenger.

RESTART TRIP

In some cases, if the taxi is in the Amounts menu for a trip dispatched from the central which was started too soon, the taxi driver is optionally allowed to restart the Central trip.

This will switch the Fleet Management application back to Dispatched, and will allow the driver to re-start the taximeter trip. The Taximeter trip is always included in the Totalizers, but in the Shifts information it might be marked as Restarted.

This might be enabled or disabled depending on the configuration of the Radio Taxi.

5.2 PAYMENT SYSTEMS

The Terminal goes into the Payment Systems screen. Depending on the configuration, it is possible that the following options are proposed:

	Cash payment. The ticket may be printed automatically if required by the local legislation
	Credit Card payment
	Subscriber payment
	Prints a trip ticket

5.2.1 CREDIT CARD PAYMENT

Depending on the electronic payment processor center, credit and debit cards, such as Visa, Master Card, American Express, may be used for payment. Consult your Radio Taxi or local distributor to know which cards are active.

At the time of writing this manual, magnetic credit card payment is being obsoleted, therefore only EMV card payment is explained.

Press the CREDIT CARD PAYMENT button. The Terminal sends the amount to the PIN-Pad. Follow the instructions on the PIN-Pad screen to continue with the payment. Depending on the type of card, the customer might have to enter the PIN code. In this case, hand the PIN-Pad to the passenger so they can enter the PIN.

TRANSACTION AUTHORISED

If the payment is Authorised, the credit ticket Driver copy is printed. Check if signature is required, as in some markets it is required instead or even additionally to the PIN. If the Signature frame has been printed, then Signature is required.

Press the Customer Copy button to print the copy for the Customer.

TRANSACTION DENIED

If the payment is not authorised, depending on the card processor, an Error Message will be shown onscreen. The message will vary, depending on the type of error that has occurred. You may retry the paymen if necessary, or choose a different payment method.

CANCELLING A CREDIT CARD PAYMENT

After a correctly processed payment, when the Terminal has switched to Free, it is possible to cancel the last credit card payment. Select the CANCEL CREDIT CARD PAYMENT option.

5.2.2 SUBSCRIBER PAYMENT

If the dispatch was sent from the Radiotaxi as Subscriber trip, the payment is first started as Subscriber. The screen menus may vary slightly, depending on the dispatch or user properties.

If the Subscriber properties demand for Subscriber card validation, you have to slide the Subscriber card through the TV60 built-in magnetic card reader, or the magnetic card reader of the EMV PIN-Pad if connected.

Depending on the properties of the Subscriber, you might have to enter an Authorisation code.

If the payment is authorised, the Subscriber Payment tickets are printed.

If the Subscriber payment is not authorised, you may choose another payment method.

6 RADIO TAXI FUNCTIONS

6.1 LOCATIONS

At the start of the connexion to the radiotaxi, the device will start calculating the zone in which it is, based on the GPS location. The zone information is automatically sent to the central. No user intervention is necessary.

If the location is inside a working zone, the status is changed from FREE to LOCATED IN ZONE. When the taxi locates into a zone, on the Status Bar the location will be displayed, in the following format:

Type of location	Zone name	Order in the zone
• Taxi Rank • Zone • Hired	This field displays the name of the zone in which the taxi is located	The order of the taxi in the zone is displayed for a configurable time

The order of the taxi in the zone is displayed for a configurable time.

	LOCATION REFRESH updates information on the Order in the Zone
	DEACTIVATE LOCATION when the driver does not want to receive trips from the central for a period
	ACTIVATE LOCATION when Location is Deactivated, and you want to be active to receive trips again
	LOCATE INTO TAXI RANK when you want to log into a rank. Available only when the taxi is inside of the Taxi Rank area. Otherwise you will get an error sound
	DELOCATE FROM TAXI RANK to go out from a Taxi Rank and come back to Zone Location
	LOCATION INFO When the taxi is located, Location Information is activated
	AVAILABLE TRIPS When Located, it is possible to receive the list of trips the central has not assigned automatically, probably because there were no taxis in the adequate zone.

6.2 AVAILABLE TRIPS

When Located, it is possible to receive the list of trips the central has not assigned automatically, probably because there were no taxis in the adequate zone.

Trip 1	Zone of trip start	Zone of trip end	Street of trip start	Trip requirements
Trip 2	Zone of trip start	Zone of trip end	Street of trip start	Trip requirements
Trip N	Zone of trip start	Zone of trip end	Street of trip start	Trip requirements

You can request a trip from the list. If the central validates, the taxi will receive the trip.

If the trip can not be assigned, a message "CANNOT ASSIGN TRIP" is received.

If no trips are available, a message "NO AVAILABLE TRIPS" will be received.

6.3 LOCATION INFORMATION

By selecting the Location information, you can consult the following information, which is related to the distribution of work in the zones.

	Taxis in the Taxi Rank of the zone	Taxis in the Zone	Hired taxis finishing trip in the Zone	Customers waiting for a taxi
Zone 1..N	Green	Yellow	Red	White

Depending on the configuration of your Radio Taxi, if this screen is kept opened, the information on the zones will be updated as the taxi moves around the area, updating the menu to always include the zone in which the taxi is located.

Once you use Scroll, the menu stops following the your Taxi next locations, until you close the Location Info window and open it again. This is in order to let you consult the information on another zone of your interest, without the information changing while you are reading.

The information on the Taxis in a Zone is accumulated with the taxis in a Taxi Rank, as the taxis in the Taxi Rank have more priority to those in the zone.

The same is valid for the Taxis in Hired finishing trip in a Zone: This information is accumulated with the Taxis in the Rank and the taxis in the Zone.

The possible actions in this screen are:

	Scroll up.
	Scroll down
	Close the Location information
	Go one level up to Macrozones

Macrozones are areas which contain several Zones. The information on the Macrozones is equivalent to the information on the Zones, adding up all the Zones in the Macrozone.

6.3.1 ZONE DETAILED INFO

Zone Taxis Detail provides detailed information about the taxis in a zone

Zone Name	Taxis in the Rank	Taxis in the Zone	Taxis in Hired
Order number	Taxis located in Rank. Including the time they located	Taxis located in the Zone	Taxis finishing trips in the Zone

Zone Customers Detail provides detailed information about the customers in a zone

Zone Name	Trips in the Zone	Requirements
Order number	Time the trip was reserved for	Special requirements of the trip

These functions may be activated/deactivated depending on your Radio Taxi configuration

6.4 DISPATCH RECEPTION

When the taxi receives a Dispatch, the following information is displayed.

Time for trip start	Zone of trip start	Requirements of the trip
	You have a new dispatch	Address of trip start
	Do you accept it?	

Some of this information is optional, so it might be displayed or not, depending on the configuration of your Radio Taxi central. There is a maximum time to accept the trip. If it is exceeded, it's automatically rejected.

Trip options available after accepting a dispatch are:

	DISPATCH INFO Once a dispatch is accepted, the complete trip information is displayed. In the Trips screen, the Dispatch Info button opens this info again.
	If the customer has requested a notification of arrival of the taxi, the AT DOOR button activates. Select it, and the customer will receive the notification
	If you arrive at the pick-up point and the customer is not there, select NO SHOW. The Radio Taxi central will handle the situation and give instructions
	If the customer arrives, after you had already notified NO CUSTOMER, let the central know with CUSTOMER ARRIVED.
	RETURN if the taxi has accepted a dispatch but needs to send it back In some Radio Taxis, returning dispatches to central may be a reason for a temporary sanction, so find out the politic of your fleet before using this option.
	When the taxi has a dispatch, the rooflight Free sign may be deactivated. This avoids confusion for the rest of customers on the street, who try to hail the taxi because they see the Free light, but the taxi is not available. This function is configurable in case it's not allowed by local regulations

6.5 DISPATCH INFO

Once a dispatch is accepted, the complete trip information is displayed.

	Display the observations on the trip. Inactive if there are no observations
	If the customer has communicated the destination of the trip, the button is active and displays the destinations. It may also be possible to navigate to these destinations
	Exit the Dispatch info and go back to the main screen
	Navigate to the trip start address
	Print a summary of the Dispatch info

6.6 WORKFLOW DIAGRAM

As a summary of the main Radio Taxi and Taximeter functions, this diagram explains the flow of a Dispatched trip.

```
   Dispatched  ──→   Hired   ──→   Stopped
       ↑                              │
       │                              ↓
   Located   ←──   Free    ←──    Payment
                    ↕
                Shift Closed
                    ↕
                   OFF
```

7 <u>GENERAL FUNCTIONS</u>

	Paper feed
	Prints a copy of last credit card ticket. Active only after a credit card payment.
	Information on the device, and system configuration
	Configuration parameters of the Radio Taxi application
	Functionality related to working shift information

7.1 SYSTEM

	Current Date and Time
GPS	Information on the state of the GPS module
GSM	Information on the state of the GSM / GPRS modules Both coverage and IP addresses
	Information on the main software versions and configuration
	Allows adjusting the volume of the loudspeaker
	Information on the internal battery, and on the vehicle battery
	Allows to adjust the display brightness parameters. Min brightness, Max brightness, Sensitivity to light sensor info

7.2 CONFIGURATION

	When the taxi receives a Dispatch, activate or deactivate the automatic printing of the dispatch info.
	Enter a phone number to which the Terminal will make a phone call when it receives a Dispatch. This is to warn the driver if outside the car while in a Taxi Rank.
PIN	Configures a PIN that filters access to the phone calls.
Aa	Change language of the device to user preference
	Activates or deactivates the function that provides a voice informing of the Taximeter amounts during a trip. Available only in some markets.

7.3 SHIFTS

	Income Partials: Prints the information on the trips income accumulated since last closing, allowing for a basic income management The information is broken down into Cash, Credit, and Subscriber payments
	Income Closing: Prints the information on the trips income accumulated since last closing, allowing for a basic income management It also resets all values to zero and increases the closing number
	Prints a Shift ticket, after a selection of the shift number to be printed.
	Configuration of the Shifts application
	Activates or deactivates printing information of each individual trip in Shift tickets
	Activates or deactivates printing start trip and end trip addresses in the Shift tickets
	Activates or deactivates automatic Income Closing when the user closes the working shift

8 **CALLS**

	Dialling the number to make a phone call
	Adjust the call volume
	Enter the phone number Agenda
	Add an Agenda entry
	Delete an Agenda entry
	The driver requests to talk to the Operator. The operator will call when available.
	Once the request has been made, it can be cancelled.

9 **MESSAGES**

	List of received messages
	Print a message
	Delete a message from the list
	Request Information from the central. An interactive menu with the available Information options will open. Select the desired option
	Request Services or assistance from the central. An interactive menu with the available Information options will open. Select the desired option.

10 NAVIGATOR

Optional integrated navigation may be provided at an additional price. Cartography is updated periodically, consult your Taxitronic distributor for the availability of cartography updates.

	Displays the current position of the car on the map
	Configuration of the Navigator application
	Day and night display options
	Navigate to a destination
	Finish a navigation
	Display the destination address. If it's a POI, it can display detailed information about the POI, like telephone number, etc.

10.1 CONFIGURATION

	Roads with Tolls in the navigation route, enable/disable
	Speed traps warning enable/disable. This function might not be active where it is not allowed by the local legislation
	Enable/disable the navigator voice instructions
min km min km	Choose between fastest / shortest route
3D 3D	Enable/disable the navigator 3D view. Only available on newest generations of TC60

10.2 NAVIGATE TO A DESTINATION

Before starting the first navigation, the country must be entered. The procedure is:

- Select the "Country" button.
- The list of countries present in the SD Card is opened
- Select the desired country
- After this, you can choose different methods for entering the destination

	Navigate to Address. Enter the destination data: - City name - Street name - Street number
	Navigate to Street Crossing. Enter the destination data: - City name - Street A - Street B
	Navigate to Point of Interest (POI). Enter the destination data: - City name - POI category - POI name
12°54"	Enter the destination coordinates, in one of the following formats: GG:MM:SS Degrees:minutes:seconds GG.gggg Degrees.decimals of degree
	Recent destinations. Open the menu and select the destination from the Recents list.
	Navigation to Favourites. Open the menu and select the destination from the Favourites list.
	Add a Favourite. Enter the destination with any of the methods except POI. Then, press the Add Favourite button, and the favourite will be added.
	Delete a Favourite. Open the menu, select a favourite, and it will be erased.

10.3 NAVIGATION INTERFACE

The vertical bar at the right end has the following functions:

	Zoom in
	Exit the navigation screen
	Zoom out
	Display map centered on the destination
	Send the "at the door" notification to the customer. Active if dispatched

TAXiTRONiC

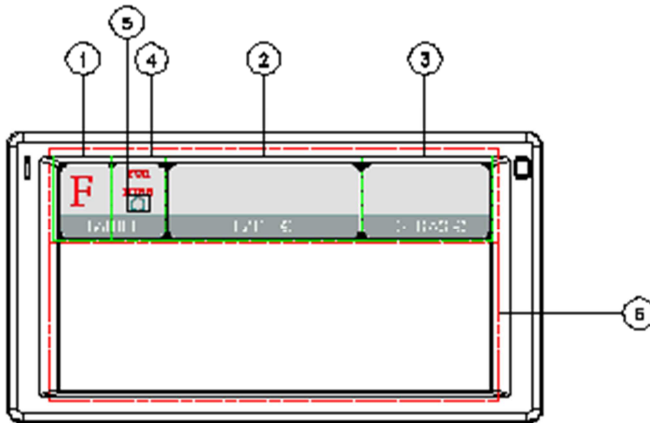## gobox BCT®

TV60 TC60

USERS MANUAL SWEDEN

Index

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TC60 and TV60 are designed to operate in an environment of electromagnetic class E3 (instruments powered by a vehicle battery) and in a mechanical environment class M3 (high and very high vibration level, as in a vehicle). Power supply is from 10,5 to 30 V.

They operate inside a vehicle, in a temperature range of -25ºC / 70ºC without condensation

1.2 TAXIMETER DISPLAY

TARIFF display (1)	Displays the tariff position of the taximeter
STATUS display (4)	Displays the operative status of the taximeter
FARE display (2)	Displays the amount to be paid
EXTRAS display (3)	Displays the extras.
Time / Distance indication (5):	It indicates if the taximeter is counting by - Distance (indication OFF) - Time (indication ON)

Some Taximeter functions, like Extras, activate a pop-up window over the Terminal area (6)

1.3 FLEET MANAGEMENT INTERFACE

The device handles the taximeter and also fleet management functions, which are not metrologic. The non-metrologic functions are displayed in the area below the taximeter.

TABS

The fleet management functions of the terminal are distributed into 5 tabs. These tabs are shown just below the taximeter area. The user interface of the active tab uses the rest of the area of the terminal.

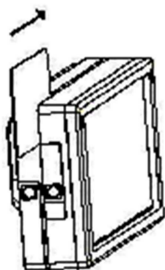| Trips	Functions	Calls	Messages	Navigator
Taxi trips functionality	Configuration Information Special tickets	Calls management	Messages between taxi and central	Integrated navigator (optional)

STATUS BAR

The bottom area of the display contains status bar which displays information about:

Location	Calls	Messages	Coverages	Time
Taxi Location information	Calls status	Unread messages	Connection status and coverage of GPS / GSM / GPRS	hh:mm

1.4 CARD READER

The magnetic card reader is at the top of the terminal.

Cards must be slid from left to right, with the magnetic band to the back.

2 CLOSED SHIFT SCREEN

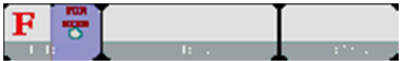When in OFF or STANDBY, press anywhere on the screen to switch ON.
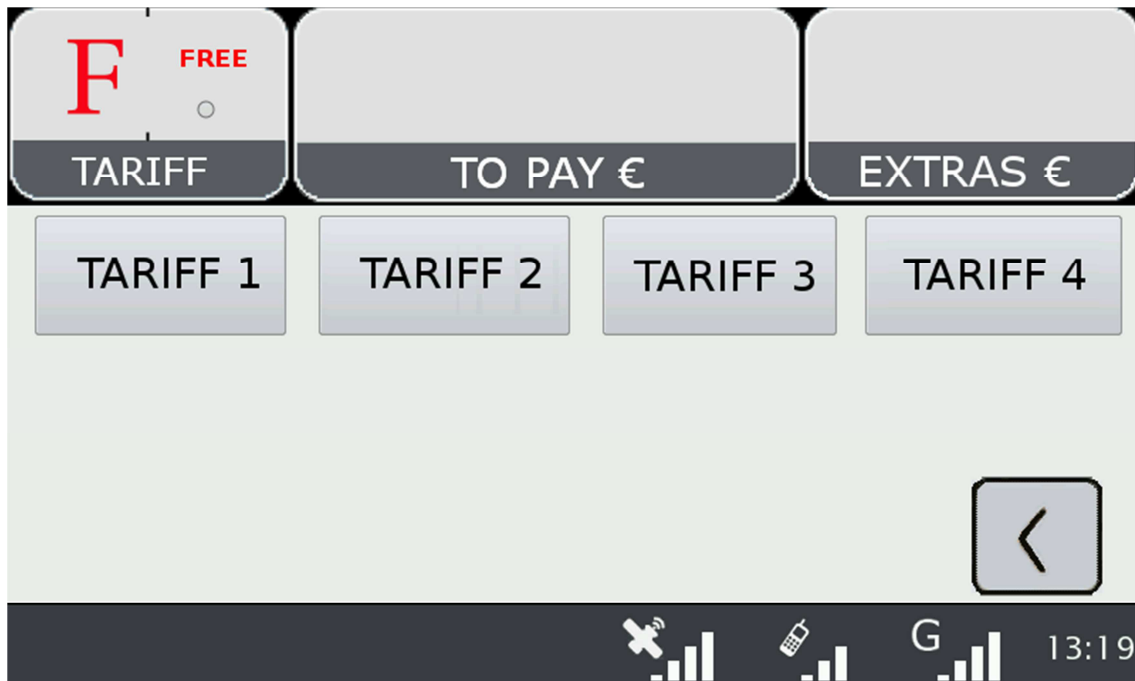
The terminal switches ON and goes to CLOSED SHIFT.

The functions available on the main CLOSED SHIFT screen are:

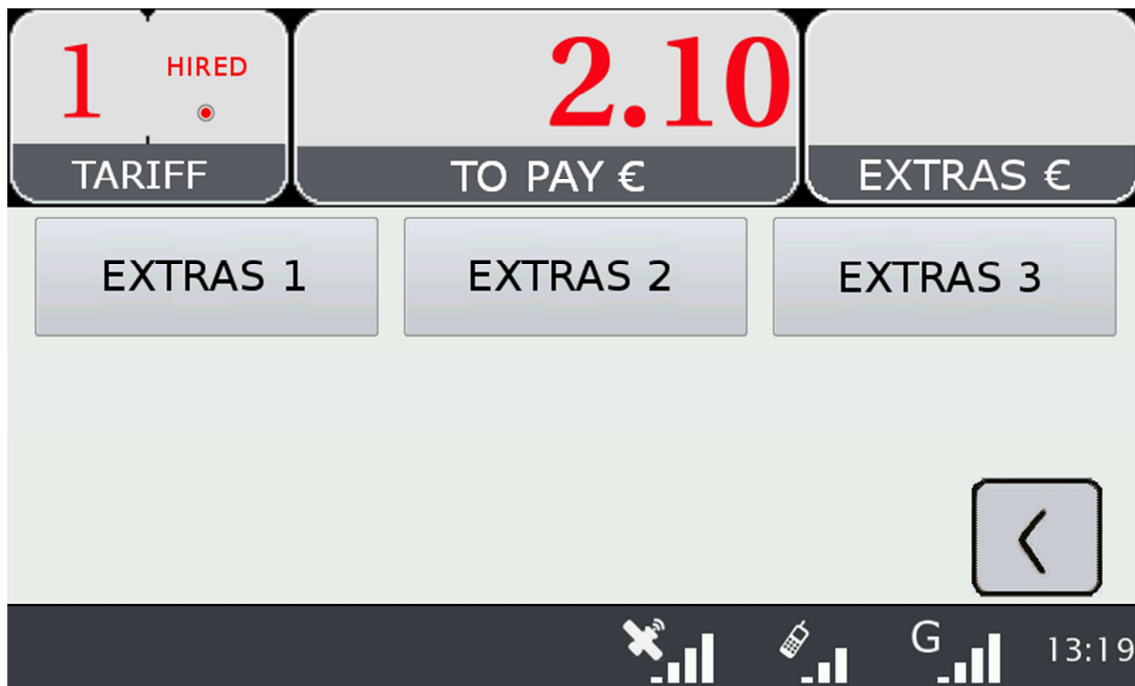|	
	Switch to STANDBY for a short pause. After some time the device will shut down automatically.
	Switch to OFF.
	Login without Central This starts the work session, allowing to work as an off-line taximeter: There is no connection with the taxi radio central to receive taxi trips. In the user identification screen, depending on the configuration, you may have to enter a driver code, or a user and password
	Login with Central This starts the work session, activating the full functionality of the TC60/TV60, In the user identification screen, depending on the configuration, you may have to enter a driver code, or a user and password

3 TAXIMETER TRIP

3.1 TAXIMETER TRIP

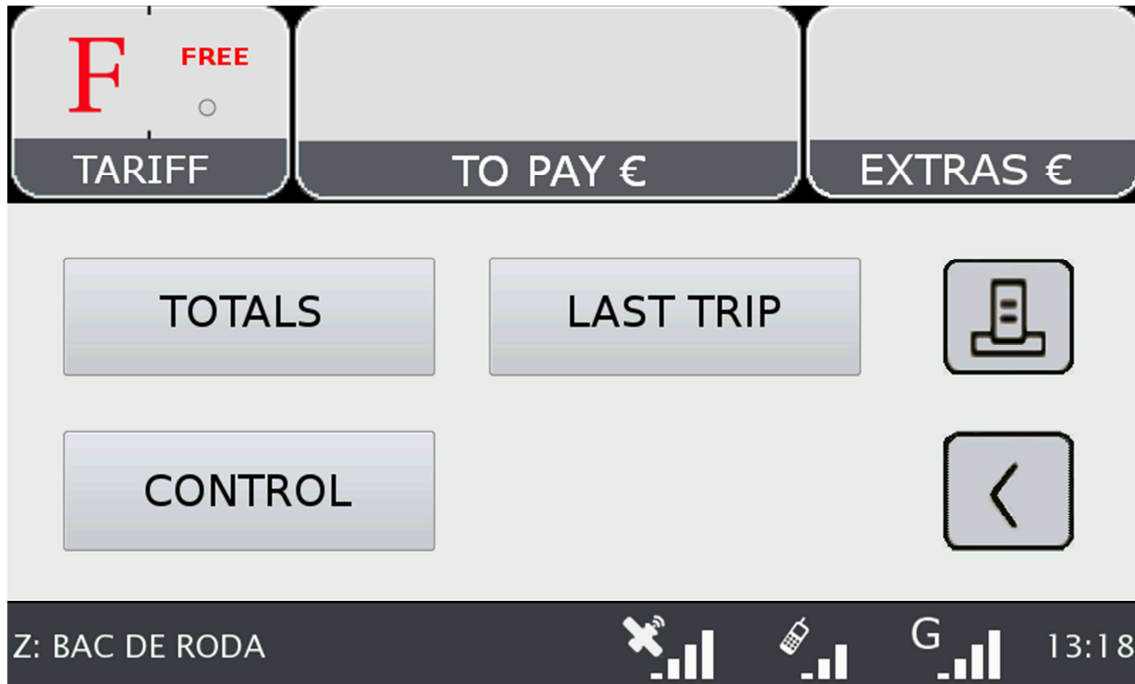|	
Start a trip	When in FOR HIRE, press on the Tariff Area to start a trip. On the pop-up menu, select the desired tariff. The taximeter will switch to HIRED. When in HIRED, press on the Tariff Area to change to another tariff. A pop up menu will display the tariffs which are currently selectable. Select the desired tariff.
Switch to Stopped	While in HIRED, press on the Status Area to switch to STOPPED.
Switch to For Hire	While in STOPPED, press on the Status Area. This will switch to FOR HIRE. The fleet management zone will display the Payment menu. See point PAYMENT MENU for details

3.2 EXTRAS

Add Extras. 	When in HIRED or STOPPED, press on the EXTRAS area to add Extras. If Extras are allowed, a pop up menu displays the available Extras. Select the adequate Extras button.
Fare and Extras addition 	When in STOPPED, press on the FARE Area. The FARE display will show the addition of FARE and EXTRAS for a configurable time.
Cancel Extras	To cancel extras while in STOPPED, press on the TARIFF area and select CANCEL EXTRAS. This function might be disabled if local regulations do not allow it.

4 TAXIMETER AUXILIARY FUNCTIONS

While in FOR HIRE the taximeter can display complementary information. These functions are all closed after a timeout, or if the car is moving.

Most of these functions are available by selecting the Extras area in Free. A pop-up window is opened.

4.1 CALENDAR-CLOCK

While in FOR HIRE, press on the FARE Area. Keep pressing on FARE to go through the visualization of all data. The data displayed in sequence are:

	Operation display	Data on the Fare display	Data on the Extras display
Step 1	HO	Time	
Step 2	DA	Day of the month	Day of the week
Step 3	YE	Year	

4.2 LAST TRIP DATA

While in FOR HIRE, press on the EXTRAS area. A pop up menu opens. Select "LAST TRIP".

4.3 TOTALIZERS

While in FOR HIRE, press on the EXTRAS Area. A pop up menu opens. Select "TOTALS"

The Accumulative Totalizers are displayed. Scroll down to see the Partial totalizers. The Totalizers that can be displayed are:

	Units	Accumulative	Partial
Number of trips		o	o
Fare amount	Currency	o	o
Extras amount	Currency	o	o
Total amount	Currency	o	o
Total Distance	km	o	o
Distance in Hired	km	o	o
Distance in For Hire	km	o	o
Distance in For Hire with passenger (*)	km	o	o
Time in Hired	h	o	o
Time in ON	h	o	o
Num of battery disconnexions		o	o
Time since last disconnexion	h	o	o
Number of times Partial totalizers have been resetted		o	

(*) The totalizer "Distance in For Hire with passenger" is operative only if there is a connected optional Passenger Sensor.

RESETTING PARTIAL TOTALIZERS

While the totals are being displayed, press on the "X" button to reset the partial totalizers. It is necessary to enter a password.

- If the password is not correct, the window is closed without resetting the values
- If the password is correct, the partial totalizers are resetted

4.4 VIEWING CONTROL DATA

While in FOR HIRE press on the EXTRAS Area

A pop up menu opens. Select the button "CONTROL BLOCKS". Scroll to view more data.

Press on the Printer button to print the control blocks information.

CONTROL DATA BLOCK 1

Data displayed in Control Block 1 are:

Code	Format	Description
C.1	XXXX	K constant in pulses/km
C.2.	XXXX	Tariff number
C.3.	YY/MM/DD	Date in which the tariff was charged to the taximeter.
C.4.	XXXX	Num of the distributor who charged the tariff
C.5.	X.X.X.X.	Tariff checksum
C.6.	YY/MM/DD	Date in which a pre-recorded tariff will become active
C.7.	X.X.X.X.	Checksum of the pre-recorded tariff
C.8.	X.X.X.X.	Number of changes of the K constant
C.9.	X.X.X.X.	Number of tariff changes

CONTROL DATA BLOCK 2

Data displayed in Control Block 2 are:

Code	Format	Description
L.1	XXXX	Taxi License number
L.2.	XXXXX.	TC60 serial number
L.3.	XX/XX/XX	TC60 manufacturing date
L.4	XX/XX/XX	TC60 installing date
L.5	XXXX.	Num of the distributor who installed the TC60
L.6	XX.XX	TC60 taximeter software version
L.7	XXXX	TC60 taximeter software version checksum
L.8	XXXXXXXXX	Fiscal ID of the owner
U.1 to U.8	YYYY/MM/DD HH:MM VVVV	Date, time and version number of the last 8 taximeter software updates

CONTROL DATA BLOCK 3

Data displayed in Control Block 3 are:

Code	Format	Description
I.	XX	Tariff ID
b.	XXXXX	Initial amount, flag drop
M.	XXXXX	Meters first drop
S.	XXXXX	Seconds first drop
d.	XXXXX	Distance tariff (€/km)
S.	XXXXX	Time tariff (€/hour)
P.	XX	Tariff position in FARE
E.	XXXXX	Extras of the tariff

4.5 TAXIMETER ERROR MESSAGES

When there is a functional error affecting the taximeter function, it will display the error code.

The available error codes are:

Code	Description
E-2	Rooflights failure
E-3	Distance signal error
E-4	Clock error
E-5	The taximeter is out of the configured revision period
E-6	Excess speeding
E-7	Working time max exceeded
E-8	Error in the tariff parameters
E-9	Taximeter software error
E-10	Printer failure

5 **PAYMENT MENU**

The Terminal functions include a Payment menus, in order to perform the trip payment with different available payment methods. While the Terminal is in Payment mode, it is possible that the Taximeter is not able to pass to For Hire until the Payment has been finished.

5.1 AMOUNTS MENU

The Amounts menu on the Terminal software displays the concepts that form the total amount, plus the addition. The concepts on the Amounts menu are:

Taximeter Amount	Always. Not editable
Taximeter Extras	If entered in the taximeter. Not editable
Tips	Optional
Tolls	Optional
Total	Addition of all amount concepts

Tips or Tolls are configurable, depending on local regulations. Tolls are used in case the taxi has gone through a Toll (highway, tunnels, etc) and if they have to be paid by the passenger.

RESTART TRIP

In some cases, if the taxi is in the Amounts menu for a trip dispatched from the central which was started too soon, the taxi driver is optionally allowed to restart the Central trip.

This will switch the Fleet Management application back to Dispatched, and will allow the driver to re-start the taximeter trip. The Taximeter trip is always included in the Totalizers, but in the Shifts information it might be marked as Restarted.

This might be enabled or disabled depending on the configuration of the Radio Taxi.

5.2 PAYMENT SYSTEMS

The Terminal goes into the Payment Systems screen. Depending on the configuration, it is possible that the following options are proposed:

	Cash payment. The ticket may be printed automatically if required by the local legislation
	Credit Card payment
	Subscriber payment
	Prints a trip ticket

5.2.1 CREDIT CARD PAYMENT

Depending on the electronic payment processor center, credit and debit cards, such as Visa, Master Card, American Express, may be used for payment. Consult your Radio Taxi or local distributor to know which cards are active.

At the time of writing this manual, magnetic credit card payment is being obsoleted, therefore only EMV card payment is explained.

Press the CREDIT CARD PAYMENT button. The Terminal sends the amount to the PIN-Pad. Follow the instructions on the PIN-Pad screen to continue with the payment. Depending on the type of card, the customer might have to enter the PIN code. In this case, hand the PIN-Pad to the passenger so they can enter the PIN.

TRANSACTION AUTHORISED

If the payment is Authorised, the credit ticket Driver copy is printed. Check if signature is required, as in some markets it is required instead or even additionally to the PIN. If the Signature frame has been printed, then Signature is required.

Press the Customer Copy button to print the copy for the Customer.

TRANSACTION DENIED

If the payment is not authorised, depending on the card processor, an Error Message will be shown onscreen. The message will vary, depending on the type of error that has occurred. You may retry the paymen if necessary, or choose a different payment method.

CANCELLING A CREDIT CARD PAYMENT

After a correctly processed payment, when the Terminal has switched to Free, it is possible to cancel the last credit card payment. Select the CANCEL CREDIT CARD PAYMENT option.

5.2.2 SUBSCRIBER PAYMENT

If the dispatch was sent from the Radiotaxi as Subscriber trip, the payment is first started as Subscriber. The screen menus may vary slightly, depending on the dispatch or user properties.

If the Subscriber properties demand for Subscriber card validation, you have to slide the Subscriber card through the TV60 built-in magnetic card reader, or the magnetic card reader of the EMV PIN-Pad if connected.

Depending on the properties of the Subscriber, you might have to enter an Authorisation code.

If the payment is authorised, the Subscriber Payment tickets are printed.

If the Subscriber payment is not authorised, you may choose another payment method.

6 RADIO TAXI FUNCTIONS

6.1 LOCATIONS

At the start of the connexion to the radiotaxi, the device will start calculating the zone in which it is, based on the GPS location. The zone information is automatically sent to the central. No user intervention is necessary.

If the location is inside a working zone, the status is changed from FREE to LOCATED IN ZONE. When the taxi locates into a zone, on the Status Bar the location will be displayed, in the following format:

Type of location	Zone name	Order in the zone
• Taxi Rank • Zone • Hired	This field displays the name of the zone in which the taxi is located	The order of the taxi in the zone is displayed for a configurable time

The order of the taxi in the zone is displayed for a configurable time.

	LOCATION REFRESH updates information on the Order in the Zone
	DEACTIVATE LOCATION when the driver does not want to receive trips from the central for a period
	ACTIVATE LOCATION when Location is Deactivated, and you want to be active to receive trips again
	LOCATE INTO TAXI RANK when you want to log into a rank. Available only when the taxi is inside of the Taxi Rank area. Otherwise you will get an error sound
	DELOCATE FROM TAXI RANK to go out from a Taxi Rank and come back to Zone Location
	LOCATION INFO When the taxi is located, Location Information is activated
	AVAILABLE TRIPS When Located, it is possible to receive the list of trips the central has not assigned automatically, probably because there were no taxis in the adequate zone.

6.2 AVAILABLE TRIPS

When Located, it is possible to receive the list of trips the central has not assigned automatically, probably because there were no taxis in the adequate zone.

Trip 1	Zone of trip start	Zone of trip end	Street of trip start	Trip requirements
Trip 2	Zone of trip start	Zone of trip end	Street of trip start	Trip requirements
Trip N	Zone of trip start	Zone of trip end	Street of trip start	Trip requirements

You can request a trip from the list. If the central validates, the taxi will receive the trip.

If the trip can not be assigned, a message "CANNOT ASSIGN TRIP" is received.

If no trips are available, a message "NO AVAILABLE TRIPS" will be received.

6.3 LOCATION INFORMATION

By selecting the Location information, you can consult the following information, which is related to the distribution of work in the zones.

	Taxis in the Taxi Rank of the zone	Taxis in the Zone	Hired taxis finishing trip in the Zone	Customers waiting for a taxi
Zone 1..N	Green	Yellow	Red	White

Depending on the configuration of your Radio Taxi, if this screen is kept opened, the information on the zones will be updated as the taxi moves around the area, updating the menu to always include the zone in which the taxi is located.

Once you use Scroll, the menu stops following the your Taxi next locations, until you close the Location Info window and open it again. This is in order to let you consult the information on another zone of your interest, without the information changing while you are reading.

The information on the Taxis in a Zone is accumulated with the taxis in a Taxi Rank, as the taxis in the Taxi Rank have more priority to those in the zone.

The same is valid for the Taxis in Hired finishing trip in a Zone: This information is accumulated with the Taxis in the Rank and the taxis in the Zone.

The possible actions in this screen are:

∧	Scroll up.
∨	Scroll down
✖	Close the Location information
‹	Go one level up to Macrozones

Macrozones are areas which contain several Zones. The information on the Macrozones is equivalent to the information on the Zones, adding up all the Zones in the Macrozone.

6.3.1 ZONE DETAILED INFO

Zone Taxis Detail provides detailed information about the taxis in a zone

Zone Name	Taxis in the Rank	Taxis in the Zone	Taxis in Hired
Order number	Taxis located in Rank. Including the time they located	Taxis located in the Zone	Taxis finishing trips in the Zone

Zone Customers Detail provides detailed information about the customers in a zone

Zone Name	Trips in the Zone	Requirements
Order number	Time the trip was reserved for	Special requirements of the trip

These functions may be activated/deactivated depending on your Radio Taxi configuration

6.4 DISPATCH RECEPTION

When the taxi receives a Dispatch, the following information is displayed.

Time for trip start	Zone of trip start	Requirements of the trip
	You have a new dispatch	Address of trip start
	Do you accept it?	

Some of this information is optional, so it might be displayed or not, depending on the configuration of your Radio Taxi central. There is a maximum time to accept the trip. If it is exceeded, it's automatically rejected.

Trip options available after accepting a dispatch are:

	DISPATCH INFO Once a dispatch is accepted, the complete trip information is displayed. In the Trips screen, the Dispatch Info button opens this info again.
	If the customer has requested a notification of arrival of the taxi, the AT DOOR button activates. Select it, and the customer will receive the notification
	If you arrive at the pick-up point and the customer is not there, select NO SHOW. The Radio Taxi central will handle the situation and give instructions
	If the customer arrives, after you had already notified NO CUSTOMER, let the central know with CUSTOMER ARRIVED.
	RETURN if the taxi has accepted a dispatch but needs to send it back In some Radio Taxis, returning dispatches to central may be a reason for a temporary sanction, so find out the politic of your fleet before using this option.
	When the taxi has a dispatch, the rooflight Free sign may be deactivated. This avoids confusion for the rest of customers on the street, who try to hail the taxi because they see the Free light, but the taxi is not available. This function is configurable in case it's not allowed by local regulations

6.5 DISPATCH INFO

Once a dispatch is accepted, the complete trip information is displayed.

	Display the observations on the trip. Inactive if there are no observations
	If the customer has communicated the destination of the trip, the button is active and displays the destinations. It may also be possible to navigate to these destinations
	Exit the Dispatch info and go back to the main screen
	Navigate to the trip start address
	Print a summary of the Dispatch info

6.6 WORKFLOW DIAGRAM

As a summary of the main Radio Taxi and Taximeter functions, this diagram explains the flow of a Dispatched trip.

7 GENERAL FUNCTIONS

	Paper feed
	Prints a copy of last credit card ticket. Active only after a credit card payment
	Sweden specific functions
	Information on the device, and system configuration
	Configuration parameters of the Radio Taxi application
	Functionality related to working shift information

7.1 SWEDEN SPECIFIC FUNCTIONS

	Displays the last trips data. Select the desired trip, to print a copy of its ticket
	Displays the last shifts data. Select a shift to print a the shift ticket
T K	Prints a Taximeter Control ticket
A K	Performs a distance measurement verification, and prints a ticket the result
	Performs a verification of the time measurement. - The green clock starts the time measurement, - The red clock finishes the measurement - The measurement ticket is printed

7.2 SYSTEM

	Current Date and Time
	Information on the state of the GPS module
	Information on the state of the GSM / GPRS modules Both coverage and IP addresses
	Information on the main software versions and configuration
	Allows adjusting the volume of the loudspeaker
	Information on the internal battery, and on the vehicle battery
	Allows to adjust the display brightness parameters. Min brightness, Max brightness, Sensitivity to light sensor info

7.3 CONFIGURATION

	When the taxi receives a Dispatch, activate or deactivate the automatic printing of the dispatch info.
	Enter a phone number to which the Terminal will make a phone call when it receives a Dispatch. This is to warn the driver if outside the car while in a Taxi Rank.
	Configures a PIN that filters access to the phone calls.
	Change language of the device to user preference
	Activates or deactivates the function that provides a voice informing of the Taximeter amounts during a trip. Available only in some markets.

7.4 SHIFTS

	Income Partials: Prints the information on the trips income accumulated since last closing, allowing for a basic income management The information is broken down into Cash, Credit, and Subscriber payments
	Income Closing: Prints the information on the trips income accumulated since last closing, allowing for a basic income management It also resets all values to zero and increases the closing number
	Prints a Shift ticket, after a selection of the shift number to be printed.
	Configuration of the Shifts application
	Activates or deactivates printing information of each individual trip in Shift tickets
	Activates or deactivates printing start trip and end trip addresses in the Shift tickets
	Activates or deactivates automatic Income Closing when the user closes the working shift

8 CALLS

	Dialling the number to make a phone call
	Adjust the call volume
	Enter the phone number Agenda
	Add an Agenda entry
	Delete an Agenda entry
	The driver requests to talk to the Operator. The operator will call when available.
	Once the request has been made, it can be cancelled.

9 MESSAGES

	List of received messages.
	Print a message
	Delete a message from the list
	Request Information from the central. An interactive menu with the available Information options will open. Select the desired option
	Request Services or assistance from the central. An interactive menu with the available Information options will open. Select the desired option.

10 NAVIGATOR

Optional integrated navigation may be provided at an additional price. Cartography is updated periodically, consult your Taxitronic distributor for the availability of cartography updates.

	Displays the current position of the car on the map
	Configuration of the Navigator application
	Day and night display options
	Navigate to a destination
	Finish a navigation
	Display the destination address. If it's a POI, it can display detailed information about the POI, like telephone number, etc.

10.1 CONFIGURATION

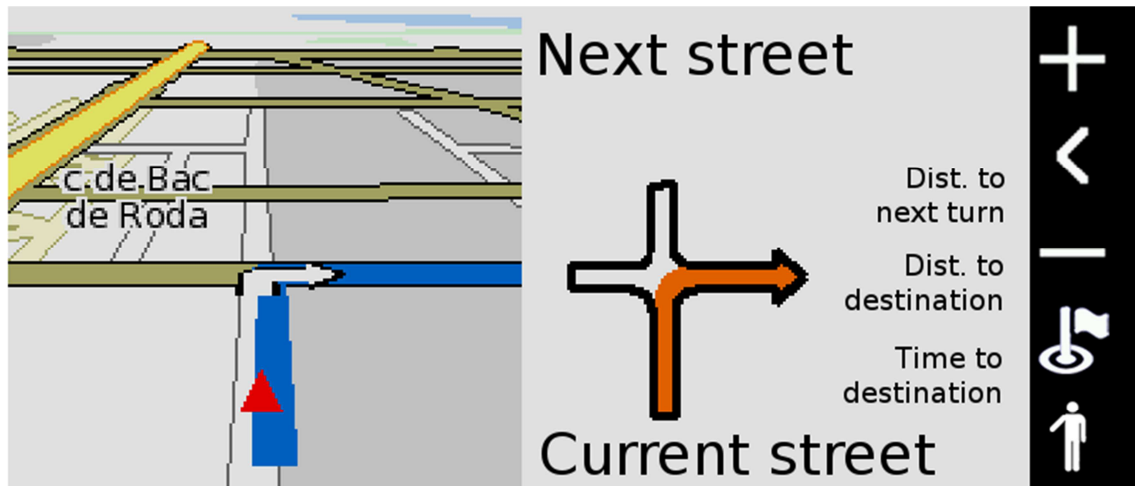|	
	Roads with Tolls in the navigation route, enable/disable
	Speed traps warning enable/disable. This function might not be active where it is not allowed by the local legislation
	Enable/disable the navigator voice instructions
	Choose between fastest / shortest route
	Enable/disable the navigator 3D view. Only available on newest generations of TC60

10.2 NAVIGATE TO A DESTINATION

Before starting the first navigation, the country must be entered. The procedure is:

- Select the "Country" button.
- The list of countries present in the SD Card is opened
- Select the desired country
- After this, you can choose different methods for entering the destination

	Navigate to Address. Enter the destination data: - City name - Street name - Street number
	Navigate to Street Crossing. Enter the destination data: - City name - Street A - Street B
	Navigate to Point of Interest (POI). Enter the destination data: - City name - POI category - POI name
	Enter the destination coordinates, in one of the following formats: GG:MM:SS Degrees:minutes:seconds GG.gggg Degrees.decimals of degree
	Recent destinations. Open the menu and select the destination from the Recents list.
	Navigation to Favourites. Open the menu and select the destination from the Favourites list.
	Add a Favourite. Enter the destination with any of the methods except POI. Then, press the Add Favourite button, and the favourite will be added.
	Delete a Favourite. Open the menu, select a favourite, and it will be erased.

10.3 NAVIGATION INTERFACE

The vertical bar at the right end has the following functions:

	Zoom in
	Exit the navigation screen
	Zoom out
	Display map centered on the destination
	Send the "at the door" notification to the customer. Active if dispatched