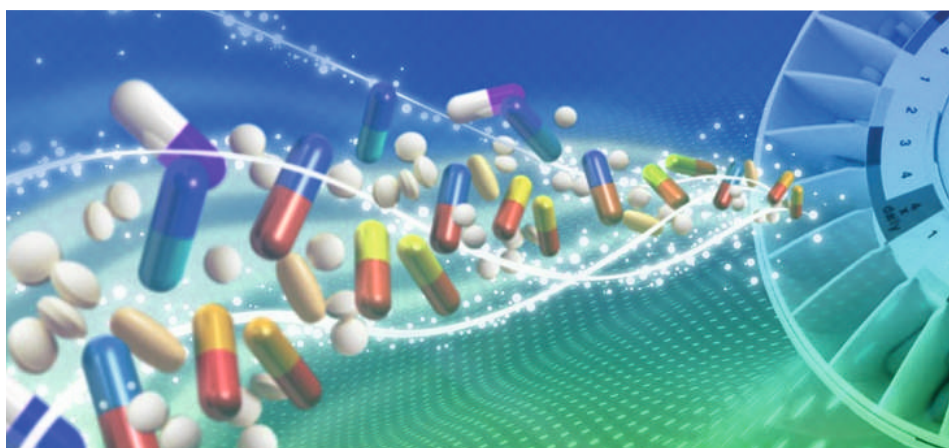




Automatic Pill Dispensers and Daily Living Reminders



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PHARMRX 



Daily Living Reminders

Medicines Management can be particularly difficult for those with a complicated pill regime. Non-compliance can result in unnecessary ill health for the patient, stress for the family, and significant avoidable costs to health and social services.

Pivotell® automatic pill dispensers are highly effective in helping vulnerable adults to remember to take their medication. Users report that this results in improved health, more independence and a better quality of life.

Everyone forgets to take their medication at one time or another.

For those on a complex pill regime, not taking prescribed drugs at the right dose and at the right time can have major consequences, particularly if they are elderly or vulnerable.

A key benefit of Pivotell® automatic pill dispensers is that they make the correct dose, and only the correct dose, available at the correct time. All other pills are safely locked in the dispenser out of sight, helping prevent an incorrect dose or an overdose being taken.

The recent West Midlands Pilot* carried out a study of the benefits of Pivotell® automatic pill dispensers for patients who in many cases had some confusion, had difficulty remembering to take their medication and suffered adverse health consequences as a result.

As part of the study, Pivotell® automatic pill dispensers were provided to 380 people across the West Midlands region including people with poor memory such as those with Alzheimer's and dementia. It also benefited patients with Parkinson's, mental health issues, learning difficulties, physical difficulties, patients with long-term medical conditions on a daily pill regime, and the visually impaired.

The results showed that the use of Pivotell dispensers resulted in better self-management of medication, enabling a person:

- *To enjoy an improved quality of life*
- *To remain independent at home for longer, and*
- *To be less reliant on family members, health and social care services*

Assessment is very important. If a person:

- *has a problem managing their medication,*
- *is on a stable medication regime,*
- *wants to take their medication correctly, but has some confusion,*

so that he or she:

- *has difficulty remembering time and date and*
- *has difficulty making a rational choice about which compartment to open in a medication blister pack or dosette box*

Then they may be suitable for a Pivotell® automatic pill dispenser.

*The West Midlands Improvement and Efficiency Partnership in conjunction with the West Midlands NHS and a number of Local Authorities in the West Midlands. The report can be read at www.pivotell.co.uk.



Antimicrobial Protection

From Autumn 2017 the plastics used in new Pivotell dispensers will contain BioCote antimicrobial protection, making them more hygienic, reducing the potential for microbial cross-contamination and the risks associated with it.

A typical user of a Pivotell dispenser may be vulnerable and with a weakened immune system. In normal use their Pivotell dispenser may travel between home, Day Care, Pharmacy, GP surgery or hospital. It may be handled by multiple people; family, friends, Pharmacist, Carers and Health professionals as well as the person using it. Microbes may be transferred from any of those caring, to the person being cared for.

The BioCote silver based antimicrobial technology added to Pivotell plastics is long-lasting, proven effective against a wide range of microbes including bacteria, mould and fungi. Pivotell dispenser plastics have been independently tested against MRSA and Ecoli, and proven to reduce these by 99.9%.

The BioCote antimicrobial technology incorporated into the Pivotell dispenser demonstrates:

- *Significant decreases in microbes in just 15 minutes*
- *Reductions up to 99.5% achieved in 2 hours*
- *Works continuously*
- *Antimicrobial protection for the expected lifetime of a Pivotell dispenser*
- *Effective against all bacteria, mould & some viruses.*

BioCote technology is HACCP approved (food safe) and tested to the ISO22196 standard. Although an antimicrobial protected dispenser reduces bacteria on the surface, cleaning is still important as antimicrobial protection will not remove dirt, grease and grime.

Pivotell® automatic pill dispensers have different functions to meet the needs of individual circumstances. In order to help you select the right dispenser we compare the features below:

KEY FEATURES	Pivotell® Mk 3/11	Pivotell® Advance	Pivotell® Advance GSM	Pivotell® Pager
Daily Alarms (max)	28	24	24	28
Flashing Light	•	•	•	•
Alarm sounds	4	4	4	4
Alarm duration (max)	1 hr	5 hrs	5 hrs	1 hr
BATTERY OPTIONS				
4 x AA Alkaline	•	•	•	•
4 x AA Rechargeable (NiMH)		•	•	
Battery cover security screw	•	•	•	•
EXTRA FEATURES				
Start delay function	•	•	•	•
Stop function		•	•	
Automatic BST/GMT adjustment	•	•	•	•
Pharmacy label carrier and clip	•	•	•	•
Spare trays and time discs	•	•	•	•
Disposable tray system	•			•
LCD display window		•	•	
'Doses left' counter		•	•	
Date and time display		•	•	
Advanced security function		•	•	
'Upside down' memory		•	•	
Lockable	•	•	•	•
PC programming option			•	
Interface for Telecare	•	•		
GSM enabled (TEXT and E-mail)			•	
Bellman® 868 enabled				•

The Pivotell Mark 3/11 Dispenser

The Pivotell Mk3/11 dispenser has been widely used for many years throughout the UK by both local authority adult care services and the NHS and is also adapted to link to Telecare systems.

The Mk3/11 is our entry level dispenser; for more advanced features see the following models.



- *Up to 1 hour programmable alarm time to allow sufficient time to alert user*
- *Start delay function for Pharmacy filling*
- *Before function allows for early access to medication (We recommend that this function is not set for those with confusion)*
- *Up to 28 daily alarms*
- *29 sections (one remains empty)*
- *LCD display and sound alert indicate low batteries*
- *Upside down – alarm sounds but tray will not rotate.*
- *Self adjusting for BST and GMT*
- *The dispenser holds a record of actual dosage times for review*
- *AA batteries, battery life up to 12 months*
- *Pharmacy label carrier supplied (to comply with GPhC labelling requirements)*
- *Size: 190mm x 56mm Weight: 480g (inc. batteries)*
- *Made in Sweden*
- *MHRA Medical Device Class 1*
- *CE marked, RoHS compliant*
- *Antimicrobial protection*



The Pivotell Advance Dispenser

This dispenser is widely used by health and social care professionals and is also adapted to link to Telecare systems.

The Advance has important additional functions including display and security features which assist users, their family or carers, and the pharmacist filling it:



- *Secure shutter over the lid opening prevents access to medication tray except at alarm time*
- *Double-dosing risk minimised*
- *Up to 5 hours programmable alarm time to allow sufficient time to alert user*
- *Start delay and Stop functions for Pharmacy filling*
- *Before function allows for early access to medication (We recommend that this function is not set for those with confusion)*
- *Up to 24 daily alarms*
- *28 sections*
- *Visible LCD display shows date, time of next dose no. doses remaining, battery level*
- *LCD will display when 4 doses or less remain*
- *LCD will display when batteries are low*
- *Upside down memory – alarm sounds but tray will not rotate. When upright, dispenser will rotate to correct dose for that time of day*
- *The dispenser holds a record of actual dosage times for review*
- *Self adjusting for BST and GMT*
- *AA or rechargeable batteries, battery life up to 12 months*
- *Pharmacy label carrier supplied (to comply with GPhC labelling requirements)*
- *Size: 190mm x 180mm x 56mm Weight: 490g (inc. batteries)*
- *Made in Sweden*
- *MHRA Medical Device Class 1*
- *CE marked, RoHS compliant*
- *Patent No: SE 535 462 C2*
- *Antimicrobial protection*



The Pivotell Advance GSM Dispenser

The Pivotell Advance GSM dispenser includes a GSM module which sends an e-mail and text alerts to up to three mobile numbers.

Typical users of the Advance GSM are those who may require more support than the stand alone dispensers and who have concerned family members who are able and willing to respond to any alert messages sent by the dispenser.



- *Secure shutter over the lid opening prevents access to medication tray except at alarm time.*
- *Double-dosing risk minimised*
- *Programmed online on Pivotell Administration Centre - PC, mobile or tablet*
- *Visible LCD display shows date, time of next dose, no. doses remaining, battery level*
- *Up to 5 hours alarm time to allow sufficient time to alert user*
- *Text/Email Alerts:*
 1. *Dose dispensed*
 2. *Dose not taken (one sent halfway through the alarm time to allow a prompt)*
 3. *Device upside down*
 4. *4 doses only remaining*
 5. *Device error*
 6. *Low battery*
- *Start delay and Stop functions for Pharmacy filling*
- *Before function allows for early access to medication (We recommend that this function is not set for those with confusion)*
- *Up to 24 daily alarms*
- *28 sections*
- *LCD will display when 4 doses or less remain*
- *LCD will display when batteries are low*
- *Upside down memory – alarm sounds but tray will not rotate. When upright, dispenser will rotate to correct dose for that time of day*
- *The dispenser holds a record of actual dosage times for review*
- *Self adjusting for BST and GMT*
- *AA or rechargeable batteries, battery life up to 12 months*
- *Pharmacy label carrier supplied (to comply with GPhC labelling requirements)*
- *Size: 190mm x 180mm x 56mm Weight: 490g (inc. batteries)*
- *Made in Sweden*
- *MHRA Medical Device Class 1*
- *CE marked, RoHS compliant*
- *Patent No: SE 535 462 C2*
- *Antimicrobial protection*

The Pivotell Pager Dispenser

The Pivotell Pager dispenser is designed to help people who are deaf or have hearing impairment. It has an integral transmitter which triggers an alarm (vibration, sound or flashing light) on any Bellman® Visit 868 System receiver, when it is time to take the medication.



- Includes a Bellman® transmitter which will alert Bellman® Visit 868 receivers (purchased separately)
- Up to 1 hour programmable alarm time to allow sufficient time to alert user
- Start delay function for Pharmacy filling
- Before function allows for early access to medication (We recommend that this function is not set for those with confusion)
- Up to 28 daily alarms
- 29 sections (one remains empty)
- LCD display and sound alert indicate low batteries
- Upside down – alarm sounds but tray will not rotate.
- The dispenser holds a record of actual dosage times for review
- Self adjusting for BST and GMT
- AA batteries, battery life up to 12 months
- Pharmacy label carrier supplied (to comply with GPhC labelling requirements)
- Size: 190mm x 56mm Weight: 480g (inc. batteries)
- Bellman® Visit 868 receivers not included
- Made in Sweden
- MHRA Medical Device Class 1
- CE marked, RoHS compliant

Accessories for Pivotell Automatic Pill Dispensers



Pivotell Dispenser Tipper

- *For those with insufficient strength or limited radial wrist dexterity to lift and tilt the dispenser*
- *Fits all Pivotell dispensers*
- *Useful if the user repeatedly leaves the dispenser upside down or in an unusual place*

Made in Britain. Design Registration no. 4010903

Pivotell Pharmacy Filler Tray

A Filler Tray is available to assist filling the dispenser trays.

- *Each medication dose is initially placed in the filler tray*
- *The doses can be clearly checked*
- *Doses are pushed into dispenser tray with a spoon or spatula*
- *28 section tray for Pivotell Advance / Advance GSM*
- *29 section tray for Pivotell Mk3/11 / Pager*

Design Registration no. 002551416



Spare Trays and Time discs

Spare trays and discs for all Pivotell Dispensers are available for pre-filling off site by family members or Pharmacists.

- *28 section tray set for Pivotell Advance / Advance GSM (product code 3101)*
- *29 section tray set for Pivotell Mk3/11 / Pager (product code 6500)*

Please note, the spare trays and discs are not interchangeable between different model dispensers.



Accessories for Pivotell Automatic Pill Dispensers

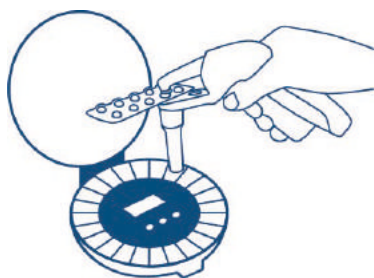
Pivotell Filling Funnel

Suitable for filling the Pivotell Advance and Advance GSM Dispensers, the Funnel is an aid for filling the dispenser tray.

Easy to use and prevents spillage into next-door compartments.



Pill Popper Gun



The Pivotell pill popper gun is an aid to push tablets easily and quickly from a blister pack. The design makes it simple to pop tablets straight into a pill box or Pivotell dispenser tray. Approved by the Swedish Rheumatism Association. Adjustable for small or large pills.



Clear Lid

A clear lid is available for the Pivotell Advance and Advance GSM dispensers.



Consumables and sundries

Spare keys, battery cover screws, time discs, pharmacy label carriers and labels are all available.



Audio Visual Reminders



Memrabel 2

The daily reminder for those with failing memory.

A helpful digital media player, MemRabel 2 can prompt the user what to do using familiar pictures, audio and video.

With 20 possible reminders, you can choose to personalise each one with photos and home video, or use one of the pre-loaded images and audio. The alarms can be single use, daily, weekly, monthly, or annual.

To add personal photo, audio or video messages transfer the files onto a memory card and insert in the MemRabel2. Then when programming the alarm messages choose your own files or any of the pre-loaded examples. Personalised images and video could be helpful reminders, or just to make a loved one smile. At the pre-programmed times the alarm sounds, before the message, image or video comes onto the screen.



The VibrALITE 8 Watch

The VibrALITE 8 watch reminds the user to carry out daily tasks with a repeated beep and discrete vibration at intervals throughout the day.

- *Up to 8 daily alarm settings can be pre-set for variable daily reminders*
- *Alarm can be set to vibrate, audible, or both*
- *Auto repeat countdown timer option for time sensitive medication, reminders to empty bladder or keep hydrated. Particularly useful when the user's day starts at variable times*
- *Vibrations can alert the wearer without disturbing others*
- *Hourly alert option - short reminder (1 second) every hour on the hour*
- *Stopwatch function*
- *Available in black*
- *Dimensions: 44 x 45 x 7mm Weight: 48gm Watch (time) digits: 10mm*
- *Battery life: Approx. 1 year, Battery: CR2032*
- *Fits wrist sizes 12.5cm-19cm*
- *Water resistant Up to 30m*





The Vibralite Mini Watch

The Vibralite Mini watch reminder is a smaller version of the Vibralite 8 vibrating watch reminder and is the smallest vibrating watch available. Designed with ladies, children or young adults with hearing impairment or who require a very discrete reminder in mind. The Vibralite Mini is perfect for medication reminders and medical conditions, and keeping on schedule.

Available in 6 colours: Black, White, Blue, Purple (floral), Pink, Black & Orange.

- *Up to 12 daily alarm settings can be pre-set for variable daily reminders*
- *Alarm can be set to vibrate, audible, or both*
- *Auto repeat countdown timer option for time sensitive medication, reminders to empty bladder or keep hydrated. Particularly useful when the user's day starts at variable times*
- *Vibrations can alert the wearer without disturbing others*
- *Hourly alert option - short reminder (1 second) every hour on the hour*
- *Stopwatch function perfect for sports, cooking, nap times, or writing tests*
- *Lockable alarm settings*
- *Case Dimensions: 30.5mm X 38.5mm X 12.3mm*
- *Display Time Digits: 4.8mmH X 3mmW*
- *Battery: CR1632 Weight: 0.9 oz*
- *Fits Approx. Wrist Sizes: 5 1/2" – 7 1/4" (14cm – 18cm)*
- *Water resistant 50m*



Mem-X Voice Reminder

The Mem-X is a very useful aid for those with cognitive difficulties who can carry on living independently provided that they are prompted to perform regular and occasional tasks by a familiar voice.

The listening side is simple. The alarm sounds at the programmed time. The user presses the blue button. The message plays.

- *Up to 90 messages can be stored*
- *Message length up to 10 seconds*
- *Messages can be daily, weekly, monthly, annual, or date specific*
- *An SOS message can be pre-recorded for the user. This could be a message giving the identity of the user, family member or carer's contact details, accessed by pressing the SOS button.*

Pivotell Pill Boxes

Pivotell Pill boxes with Roller Shutter opening

Pivotell Pill Boxes are a new type of dosette box.

The innovative roller shutter system makes opening the compartments really easy, with no irritating compartment doors protruding, and the opening action is smooth for those who lack dexterity in their hands.

Each compartment can hold approximately 14 standard size tablets/pills.

As with all unsecured medication keep out of the reach of children.



Pivotell Large Pill box

- *Roller Shutter opening*
- *With compartments for 4 doses per day for 7 days*
- *Prescription card and protective cover included*
- *The weekdays and dose number are clearly marked on the inside and outside*
- *The removable inner box makes it easy to clean (dishwasher safe)*



Pivotell Small Pill box

- *Roller Shutter opening*
- *With 8 compartments*
- *Perfect size for popping in a pocket*
- *The dose numbers are clearly marked on the inside and outside*
- *Not suitable for cleaning in a dishwasher, wipe clean*



- *Use with the Pivotell Pill Popper Gun for easy blister tablet removal*

The Pivotell pill popper gun is an aid to push tablets easily and quickly from a blister pack. The design makes it simple to pop tablets straight into a pill box or Pivotell dispenser tray. Approved by the Swedish Rheumatism Association. Adjustable for small or large pills.

Pivotell Portable Reminders



The Minitell portable pill box

The Minitell daily alarmed pill box has five pill compartments and can be set to alarm up to five times daily. The user is alerted with a repeated loud 'beep' and/or vibration to take their medication.

It is suitable for someone who has an active lifestyle but who needs a reminder to take their pills. It is very helpful for people with hearing impairment or those who require a discrete reminder.



- 24 hr clock
- Has 5 separate compartments for medication
- Set up to five alarms a day - or once a day for 5 days
- Set to alarm, vibrate or both
- Weight 95 gm / 8cm diameter
- Fits easily in bag or pocket
- Vibrations can alert the wearer without disturbing others
- The Minitell is not suitable for someone with confusion, as it cannot be locked
- Dimensions: 80mm diameter x 32mm Weight: 96gm
- Battery: 1 x CR2032 and 1 x AAA Alkaline Battery life: approx. 1 year



TimeCap Pill bottle

The TimeCap pill bottle has a last opened indicator (time and day of week) and up to 24 daily alarms. It automatically indicates the last time the bottle was opened, time of day, am or pm, and day of week.

Fill the bottle supplied, or the cap also fits onto a standard 33mm thread pill bottle. The bottle is also large enough to house a dropper bottle inside.

Please note; this does not have a child proof cap, and is not difficult to open for those who struggle to open traditional pill bottles. As with all unsecured medication keep out of the reach of children.



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